

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012524\
 Data File : VL041024.D
 Acq On : 25 Jan 2024 9:49
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024

Quant Time: Jan 26 00:24:57 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Jan 26 00:23:09 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.179	49	1131998	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2761238	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2829055m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 2104052 9.847 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	2185499	8.741	ppbv	98
3) Chlorodifluoromethane	2.661	51	1837336	9.650	ppbv	99
4) Chloromethane	2.800	50	697693	9.777	ppbv	99
5) Vinyl Chloride	2.906	62	725740	10.372	ppbv	100
6) Bromomethane	3.105	94	298918	9.812	ppbv	100
7) Chloroethane	3.182	64	251403	9.979	ppbv	96
8) Dichlorotetrafluoroethane	2.845	85	1761362	9.430	ppbv	99
9) Propene	2.681	41	600521	9.616	ppbv	96
10) Heptane	7.565	43	1520208	9.891	ppbv	99
11) Trichlorofluoromethane	3.549	101	1951730	9.688	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.054	101	1394773	9.553	ppbv	100
13) Ethanol	3.227	45	125536	8.434	ppbv	100
14) Bromoethene	3.353	108	565798	10.093	ppbv	99
15) Acetone	3.456	43	1296760	8.958	ppbv	98
16) 1,3-Butadiene	2.970	39	690422	9.970	ppbv	99
17) tert-Butyl alcohol	3.864	59	1125652	9.481	ppbv	99
18) 1,1-Dichloroethene	3.867	96	600965	9.614	ppbv	99
19) Isopropyl Alcohol	3.562	45	773539	9.231	ppbv	99
20) Methylene Chloride	3.919	84	502528	9.021	ppbv	96
21) Allyl Chloride	3.983	41	860107	9.779	ppbv	100
22) trans-1,2-Dichloroethene	4.433	96	612855	9.521	ppbv	96
23) Vinyl Acetate	4.613	43	1506395	10.095	ppbv	98
24) 1,1-Dichloroethane	4.552	63	1261270	9.528	ppbv	98
25) Ethyl Acetate	5.192	43	2524851	9.619	ppbv	100
26) Hexane	5.201	57	1077160	9.628	ppbv	99
27) Carbon Disulfide	4.111	76	1526324	10.483	ppbv	100
28) Methyl tert-Butyl Ether	4.571	73	837620	9.020	ppbv	97
29) Chloroform	5.259	83	1911550	9.633	ppbv	100
30) Cyclohexane	6.587	84	914856	9.759	ppbv	98
31) cis-1,2-Dichloroethene	5.066	61	1109963	10.570	ppbv	96
32) 1,1,1-Trichloroethane	5.992	97	1898107	10.008	ppbv	99
34) 2-Butanone	4.771	43	1420416	10.798	ppbv	99
35) Carbon Tetrachloride	6.481	117	2020367	10.972	ppbv	98
36) Benzene	6.356	78	2364961	10.371	ppbv	97
37) 1,2-Dichloroethane	5.793	62	1467071	10.542	ppbv	99
38) Trichloroethene	7.279	130	924134	10.108	ppbv	96
39) 1,2-Dichloropropane	7.063	63	928591	10.336	ppbv	97
40) 1,4-Dioxane	7.269	88	357639	9.585	ppbv	81
41) Tetrahydrofuran	5.542	42	955049	10.693	ppbv	99
42) Bromodichloromethane	7.237	83	2128235	10.688	ppbv	100
43) Methyl Methacrylate	7.462	69	988374	11.232	ppbv	99
44) 2,2,4-Trimethylpentane	7.314	57	3952904	10.302	ppbv	99
45) t-1,3-Dichloropropene	8.697	75	727381	12.097	ppbv	99

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Manual Integrations
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 Supervised By : Mahesh Dadoda 01/26/2024

Quant Time: Jan 26 00:24:57 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

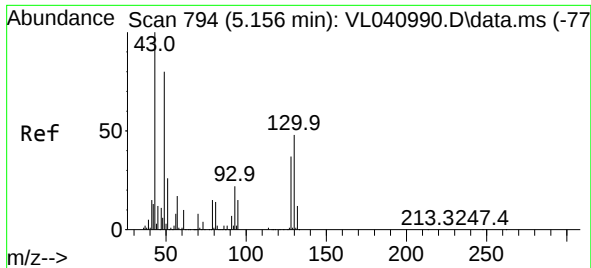
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Jan 26 00:23:09 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	861478	11.489	ppbv	98
47) 1,1,2-Trichloroethane	8.889	97	1004754	10.376	ppbv	98
48) Dibromochloromethane	9.696	129	1794852	10.964	ppbv	99
49) Bromoform	12.391	173	1520622	11.841	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2587157	11.168	ppbv	98
51) 2-Hexanone	9.536	43	1884163	11.283	ppbv #	99
52) Tetrachloroethene	10.603	164	819336	10.819	ppbv	98
53) Toluene	9.208	91	2704396	10.825	ppbv	100
54) 1,2-Dibromoethane	9.995	107	1464006	11.164	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.494	131	1311413	9.662	ppbv	99
57) Chlorobenzene	11.513	112	2136713	9.389	ppbv	100
58) Ethyl Benzene	12.076	91	3738356	9.840	ppbv	100
59) m/p-Xylene	12.359	91	6489070m	19.591	ppbv	
60) o-Xylene	13.044	91	3115584	9.804	ppbv	99
61) Styrene	12.883	104	1572712	10.778	ppbv	99
62) Isopropylbenzene	14.015	105	4495005	9.564	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	2318047	9.385	ppbv	99
64) n-propylbenzene	14.902	120	1151542	9.698	ppbv	98
65) tert-Butylbenzene	16.076	119	3984943	9.705	ppbv	99
66) Benzyl Chloride	16.314	91	301128	11.191	ppbv	99
67) sec-Butylbenzene	16.619	105	5687346	9.512	ppbv	99
69) p-Isopropyltoluene	16.979	119	4546254	9.816	ppbv	99
70) n-Butylbenzene	17.870	91	4905064	9.801	ppbv	100
71) 2-Chlorotoluene	14.786	91	3562993	9.825	ppbv	99
72) 4-Ethyltoluene	15.175	105	3596023	10.132	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	3099790	9.841	ppbv	98
74) 1,2,4-Trimethylbenzene	16.095	105	3449234	9.659	ppbv	93
75) 1,3-Dichlorobenzene	16.317	146	1968529	9.687	ppbv	99
76) 1,4-Dichlorobenzene	16.458	146	1918692	9.568	ppbv	100
77) 1,2-Dichlorobenzene	17.127	146	1907180	9.442	ppbv	98
78) Hexachloro-1,3-Butadiene	22.616	225	1086596	8.342	ppbv	99
79) Naphthalene	21.365	128	2631924	12.920	ppbv	99
80) Naphthalene,2-methyl-	24.361	142	534201	14.932	ppbv	96
81) 1,2,4-Trichlorobenzene	21.120	180	1271645	10.700	ppbv	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



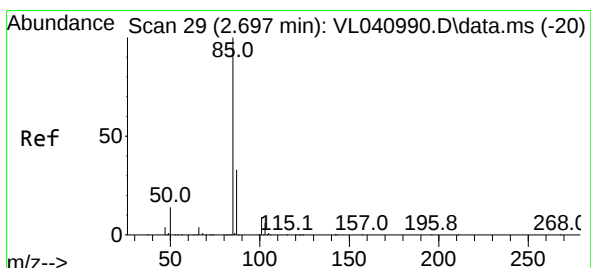
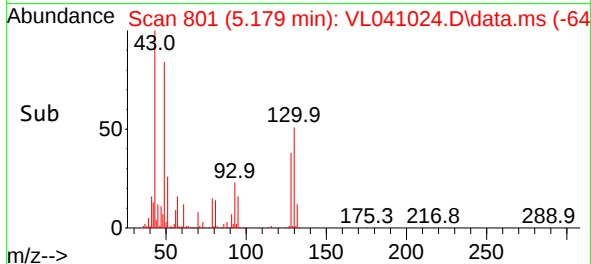
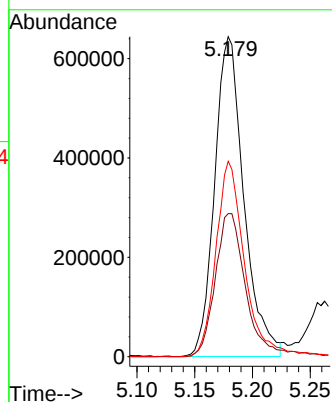
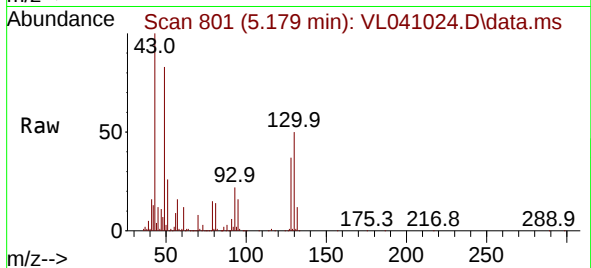
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Instrument :
MSVOA_L
Client Sample Id :
VSTDCCC010

Tgt Ion: 49 Resp: 1131998
Ion Ratio Lower Upper
49 100
128 47.6 23.9 71.7
130 61.3 31.1 93.5

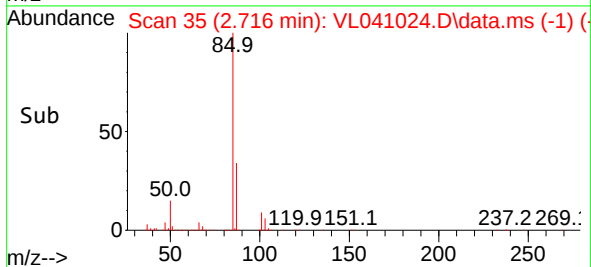
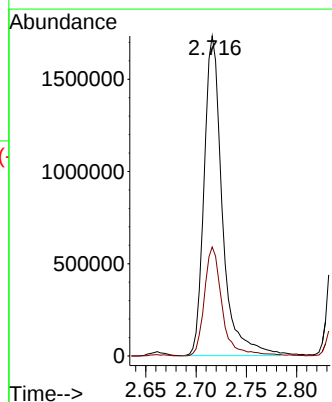
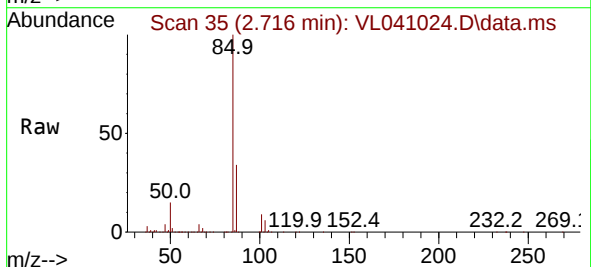
Manual Integrations
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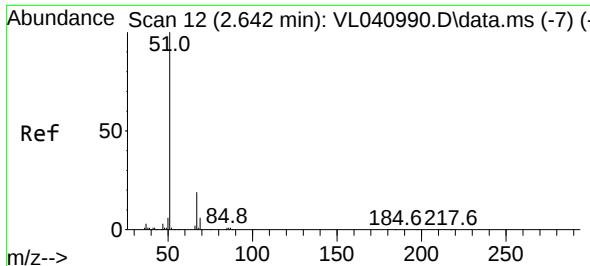
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#2
Dichlorodifluoromethane
Concen: 8.741 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Tgt Ion: 85 Resp: 2185499
Ion Ratio Lower Upper
85 100
87 34.1 26.3 39.5





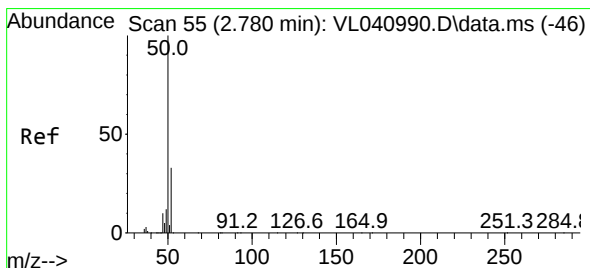
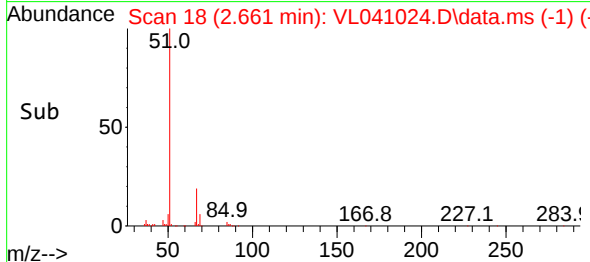
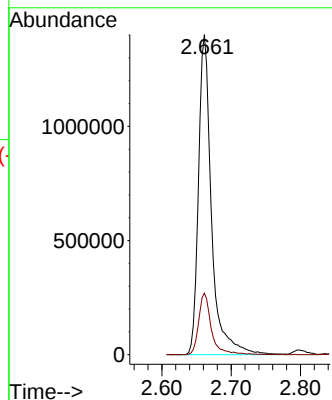
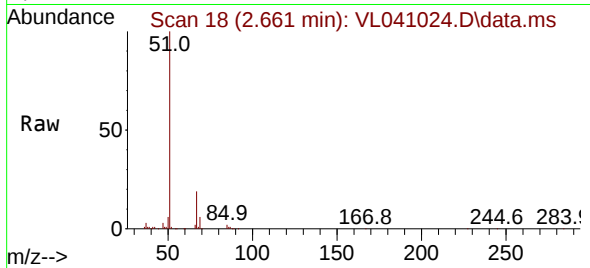
#3
Chlorodifluoromethane
Concen: 9.650 ppbv
RT: 2.661 min Scan# 18
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1837330
Ion Ratio Lower Upper
51 100
67 18.9 14.8 22.2

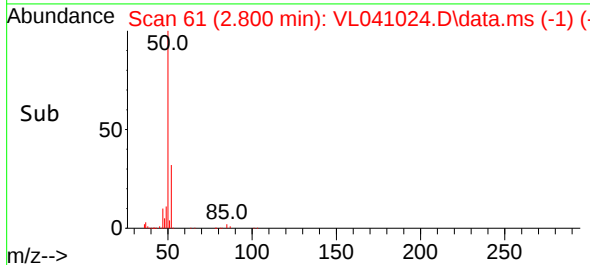
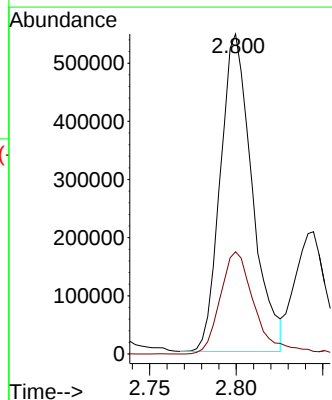
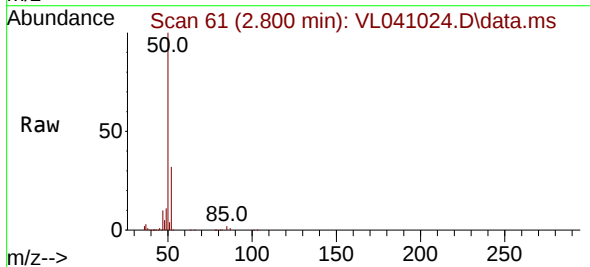
Manual Integrations
APPROVED

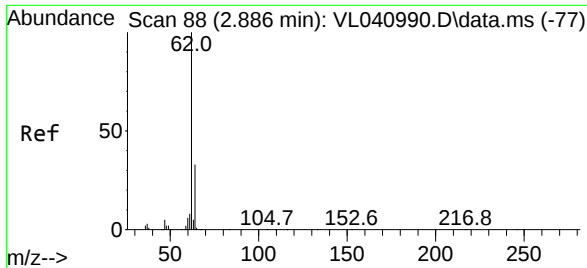
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#4
Chloromethane
Concen: 9.777 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

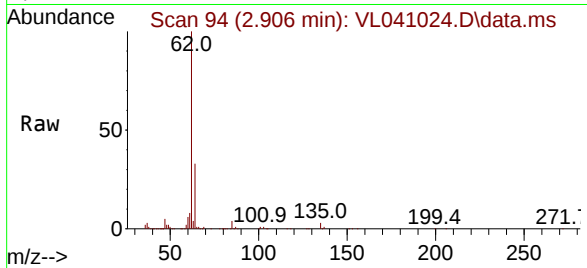
Tgt Ion: 50 Resp: 697693
Ion Ratio Lower Upper
50 100
52 32.2 26.2 39.4





#5
 Vinyl Chloride
 Concen: 10.372 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VL041024.D
 Acq: 25 Jan 2024 9:49

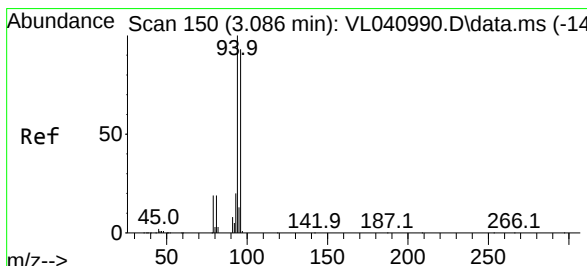
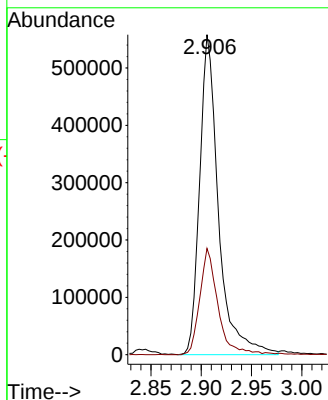
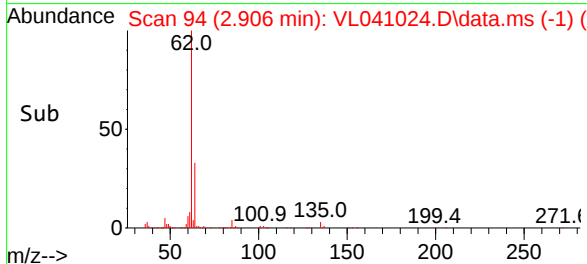
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



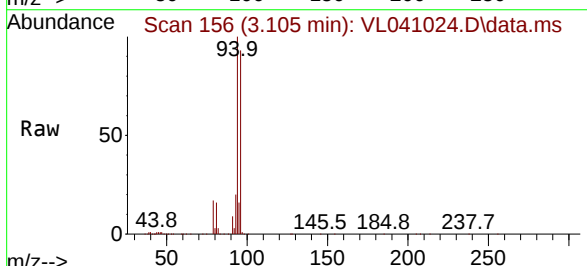
Tgt Ion: 62 Resp: 725740
 Ion Ratio Lower Upper
 62 100
 64 33.2 26.6 40.0

Manual Integrations
 APPROVED

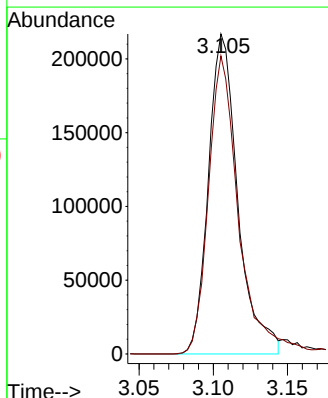
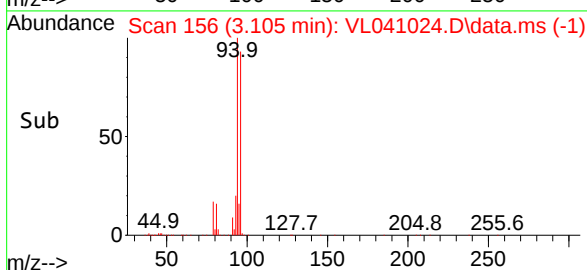
Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024

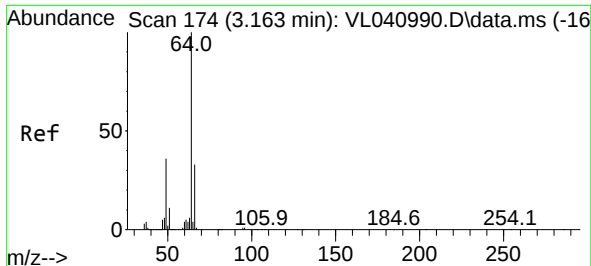


#6
 Bromomethane
 Concen: 9.812 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. 0.000 min
 Lab File: VL041024.D
 Acq: 25 Jan 2024 9:49



Tgt Ion: 94 Resp: 298918
 Ion Ratio Lower Upper
 94 100
 96 93.0 74.2 111.4





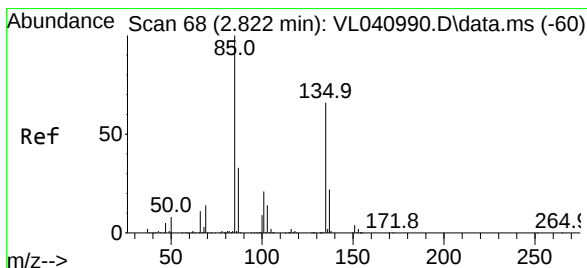
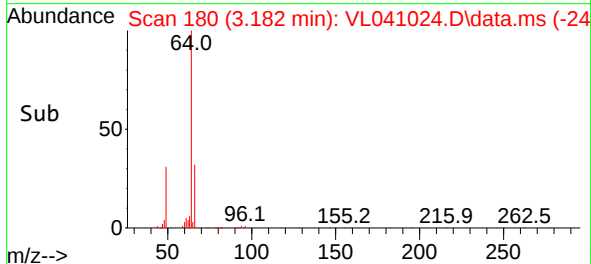
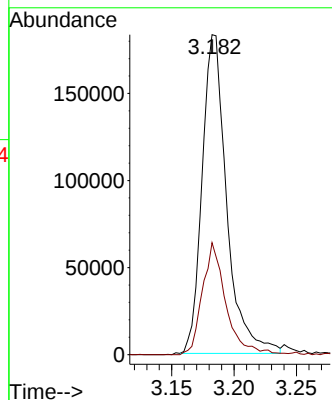
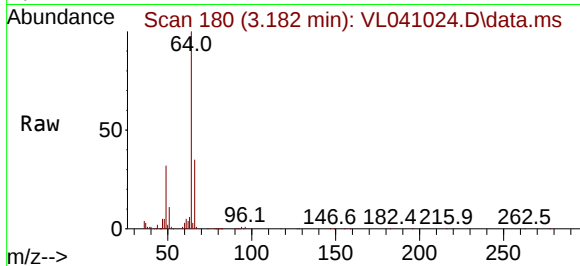
#7
Chloroethane
Concen: 9.979 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 25140
Ion Ratio Lower Upper
64 100
66 35.0 26.0 39.0

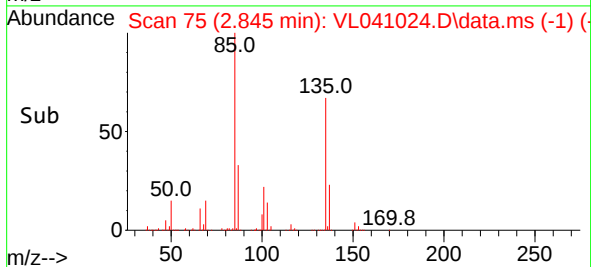
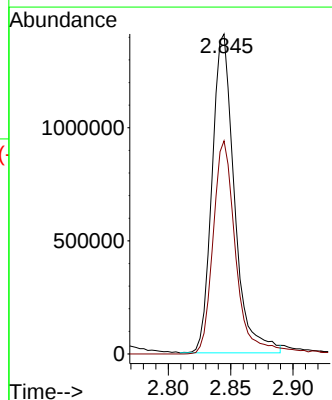
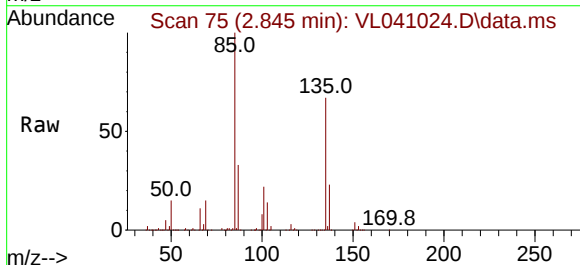
Manual Integrations
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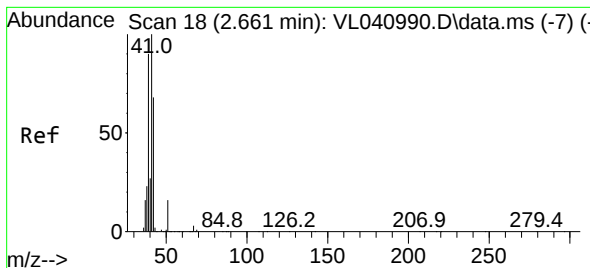
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#8
Dichlorotetrafluoroethane
Concen: 9.430 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Tgt Ion: 85 Resp: 1761362
Ion Ratio Lower Upper
85 100
135 69.3 55.0 82.6





#9

Propene

Concen: 9.616 ppbv

RT: 2.681 min Scan# 24

Delta R.T. 0.000 min

Lab File: VL041024.D

Acq: 25 Jan 2024 9:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 60052

Ion Ratio Lower Upper

41 100

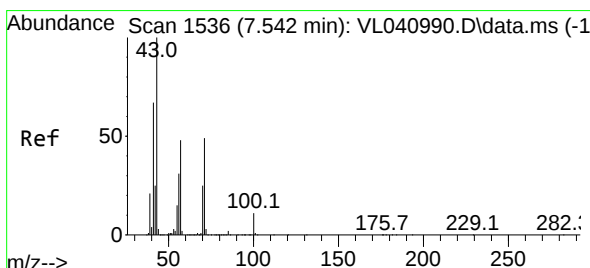
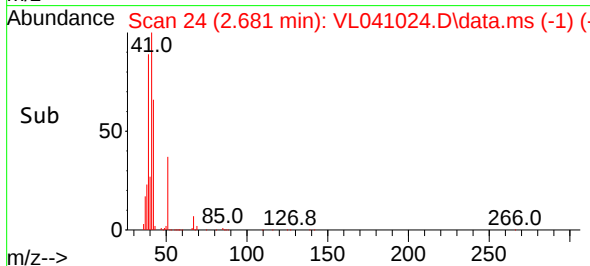
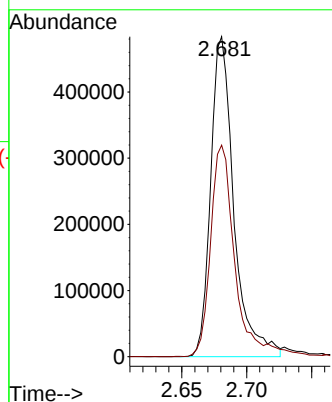
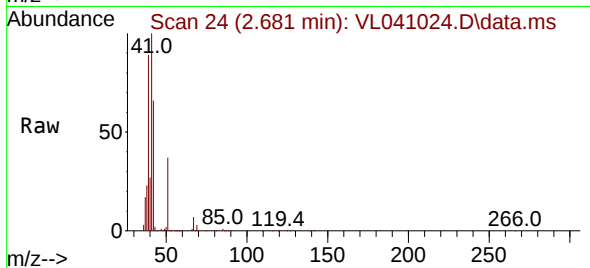
42 70.5 59.0 88.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#10

Heptane

Concen: 9.891 ppbv

RT: 7.565 min Scan# 1543

Delta R.T. 0.000 min

Lab File: VL041024.D

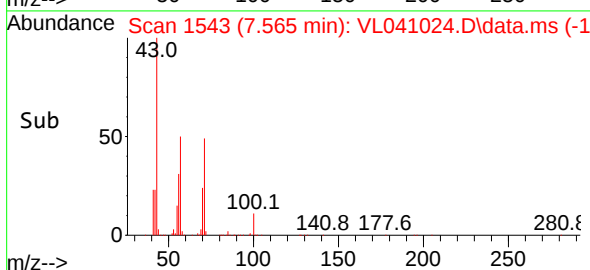
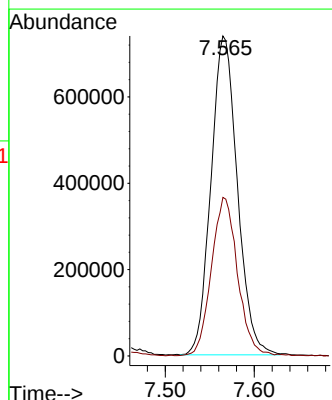
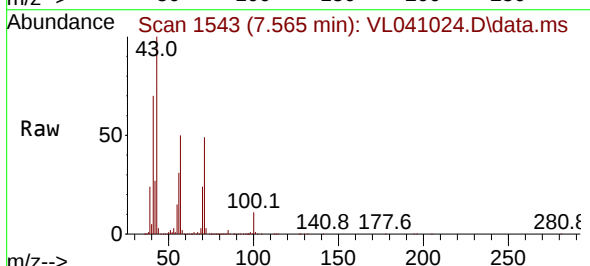
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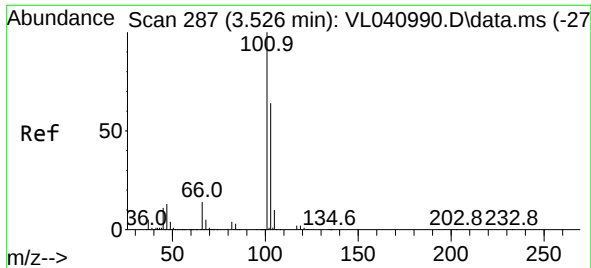
Tgt Ion: 43 Resp: 1520208

Ion Ratio Lower Upper

43 100

57 49.7 39.4 59.2





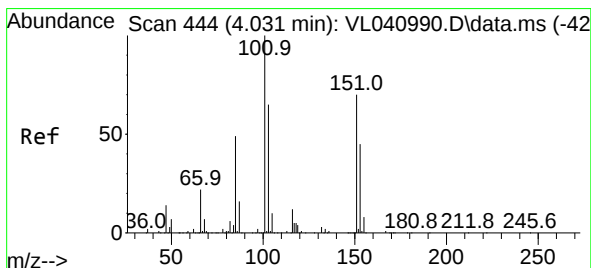
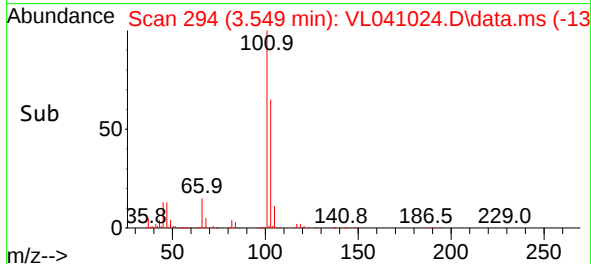
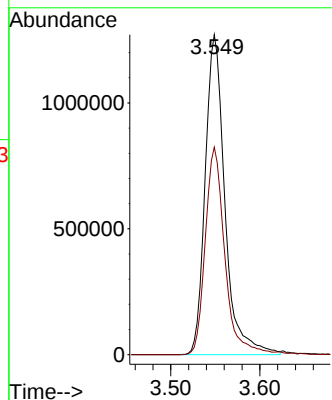
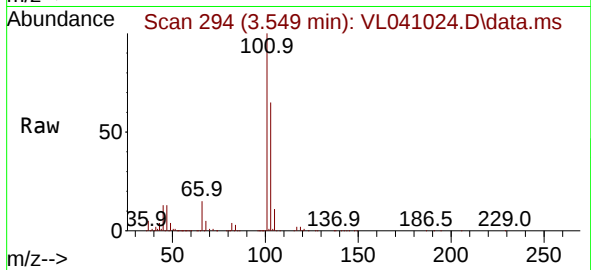
#11
Trichlorofluoromethane
Concen: 9.688 ppbv
RT: 3.549 min Scan# 294
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1951730
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

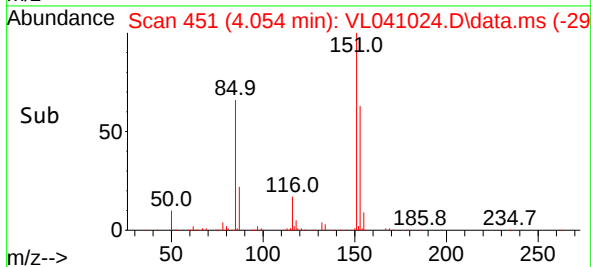
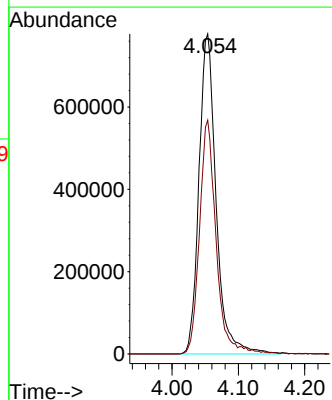
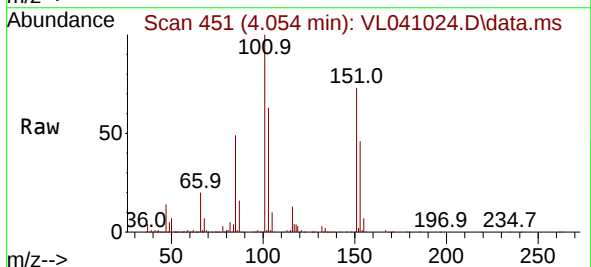
Manual Integrations
APPROVED

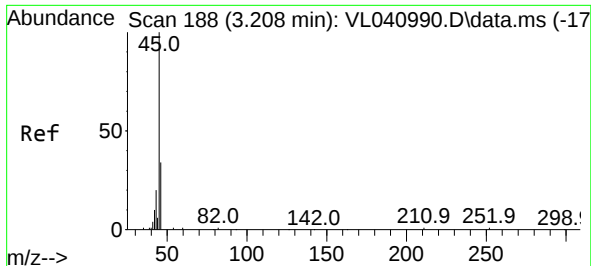
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.553 ppbv
RT: 4.054 min Scan# 451
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Tgt Ion:101 Resp: 1394773
Ion Ratio Lower Upper
101 100
151 70.9 56.6 85.0





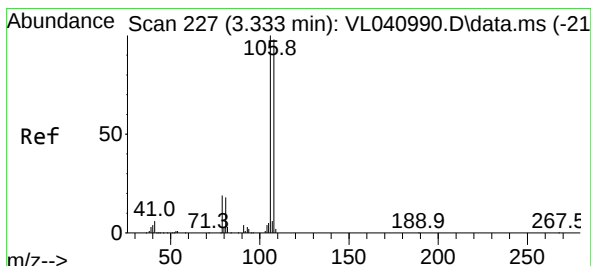
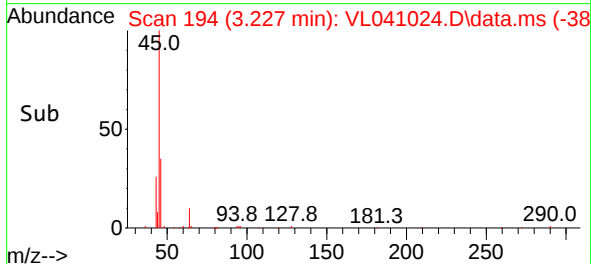
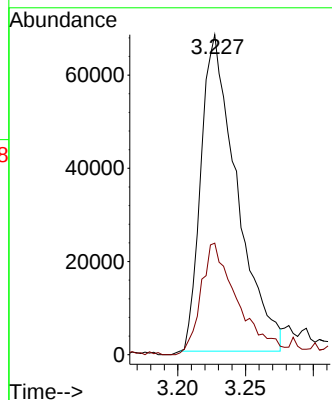
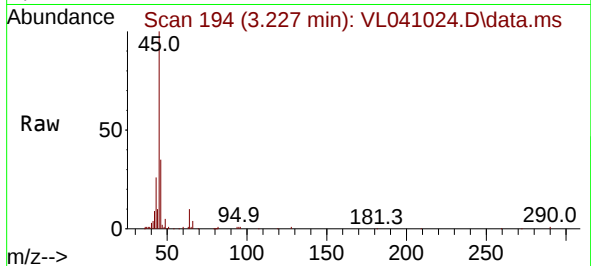
#13
Ethanol
Concen: 8.434 ppbv
RT: 3.227 min Scan# 194
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 125536
Ion Ratio Lower Upper
45 100
46 40.3 16.2 64.8

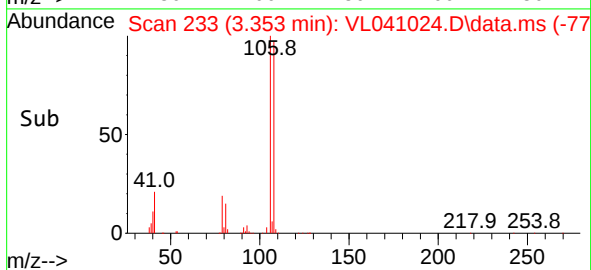
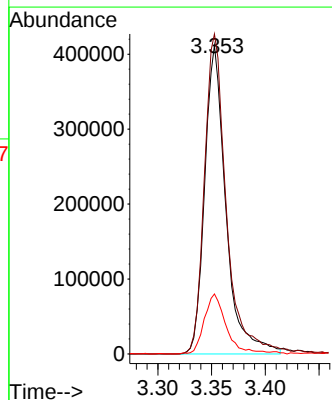
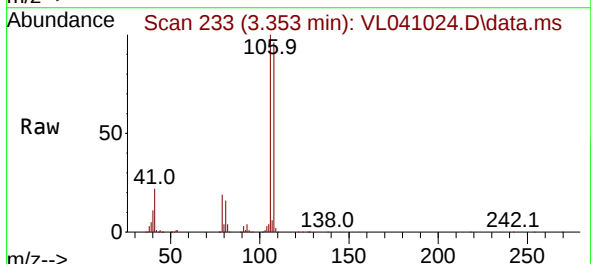
Manual Integrations
APPROVED

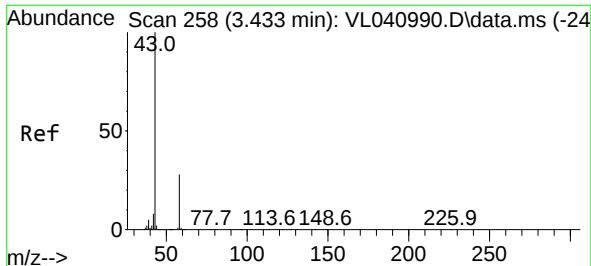
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#14
Bromoethene
Concen: 10.093 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Tgt Ion:108 Resp: 565798
Ion Ratio Lower Upper
108 100
106 108.6 86.4 129.6
79 20.5 16.2 24.4





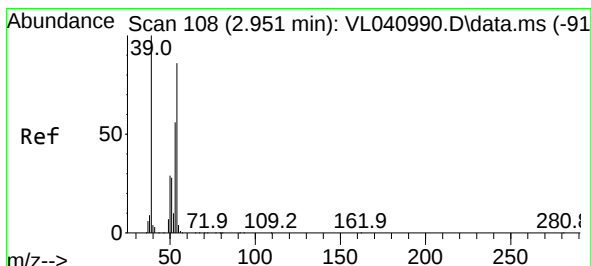
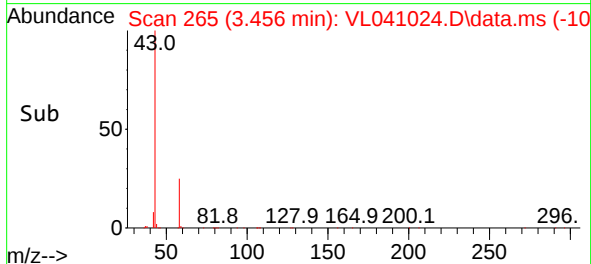
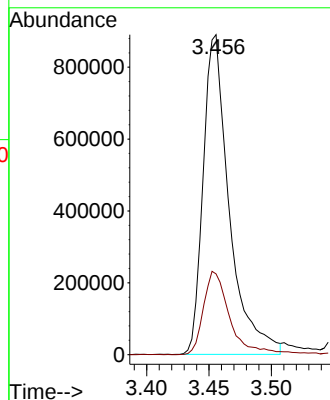
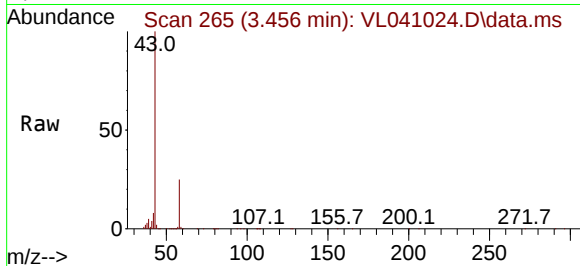
#15
Acetone
Concen: 8.958 ppbv
RT: 3.456 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1296760
Ion Ratio Lower Upper
43 100
58 26.9 22.2 33.2

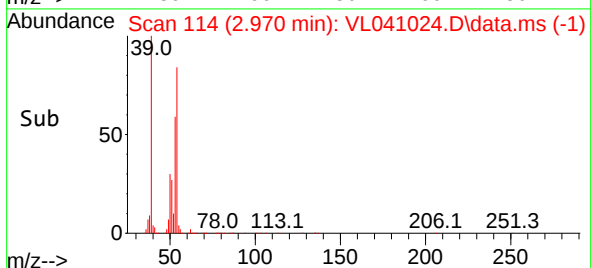
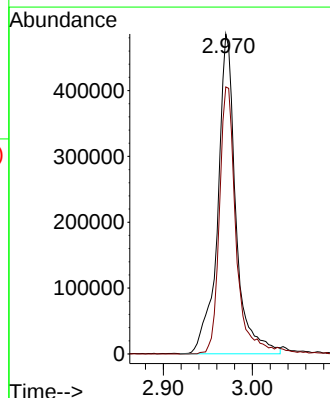
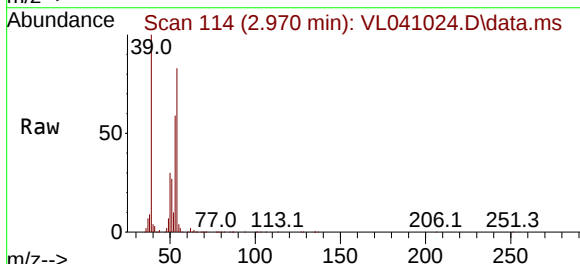
Manual Integrations
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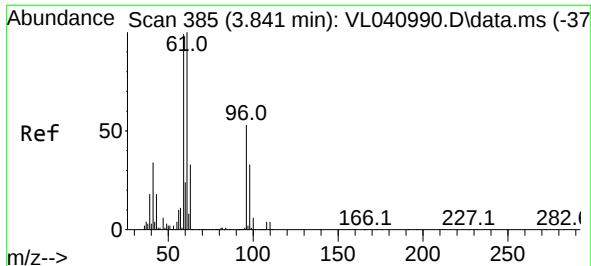
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#16
1,3-Butadiene
Concen: 9.970 ppbv
RT: 2.970 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Tgt Ion: 39 Resp: 690422
Ion Ratio Lower Upper
39 100
54 77.8 62.7 94.1





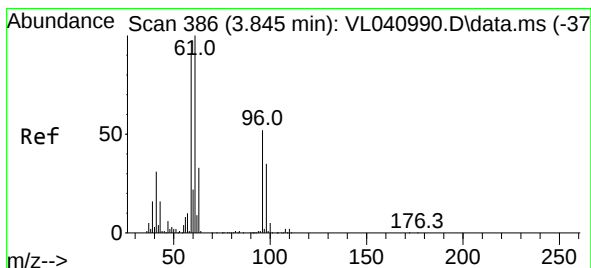
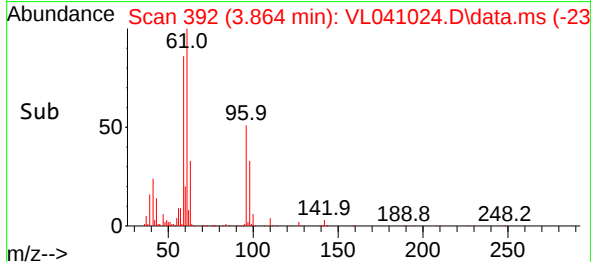
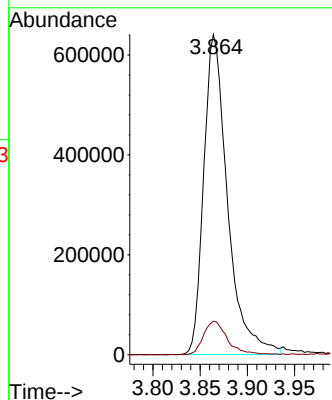
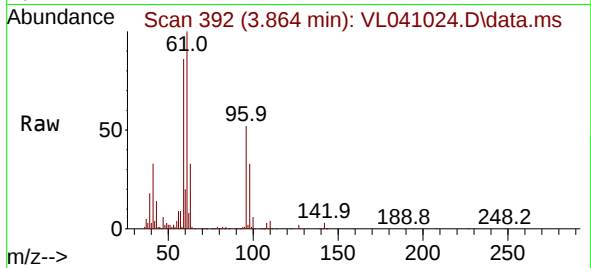
#17
tert-Butyl alcohol
Concen: 9.481 ppbv
RT: 3.864 min Scan# 392
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 112565
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

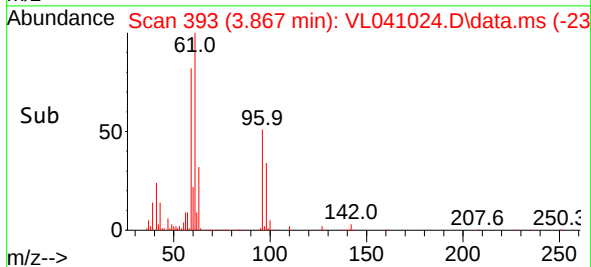
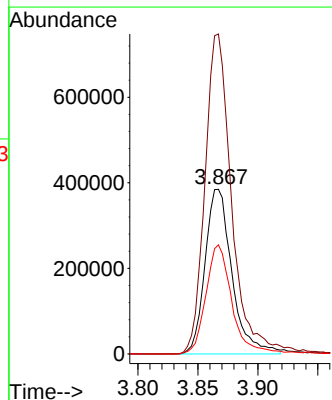
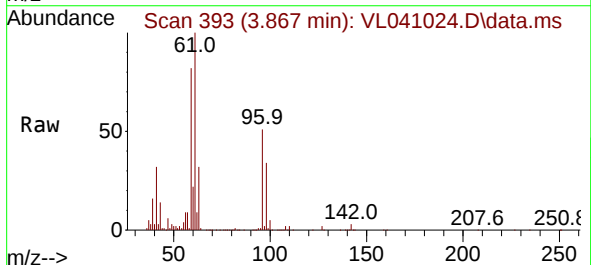
Manual Integrations
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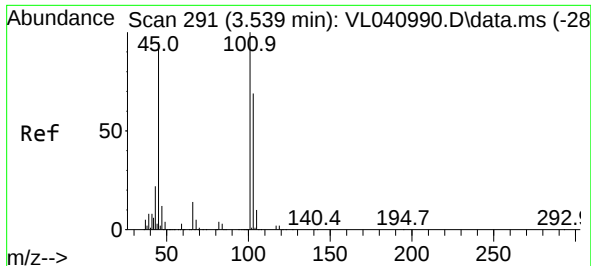
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#18
1,1-Dichloroethene
Concen: 9.614 ppbv
RT: 3.867 min Scan# 393
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

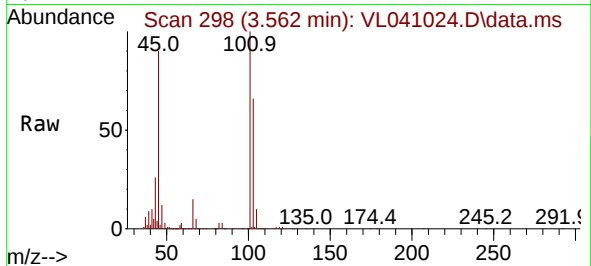
Tgt Ion: 96 Resp: 600965
Ion Ratio Lower Upper
96 100
61 194.0 153.8 230.8
98 66.2 53.7 80.5





#19
Isopropyl Alcohol
Concen: 9.231 ppbv
RT: 3.562 min Scan# 291
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

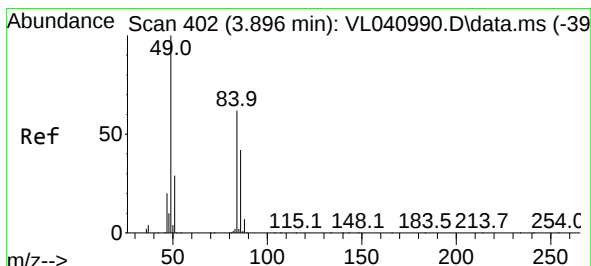
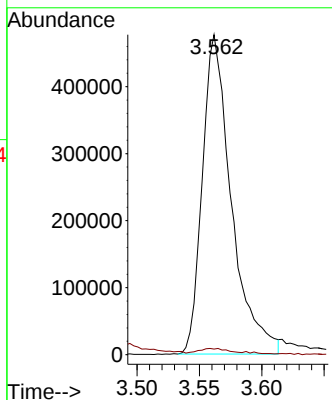
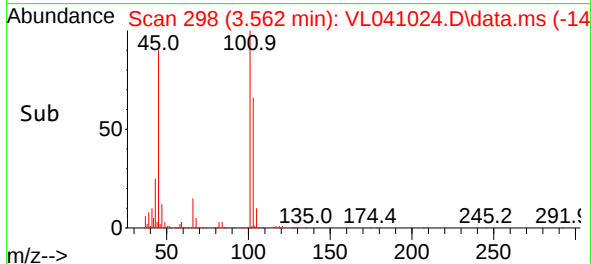
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



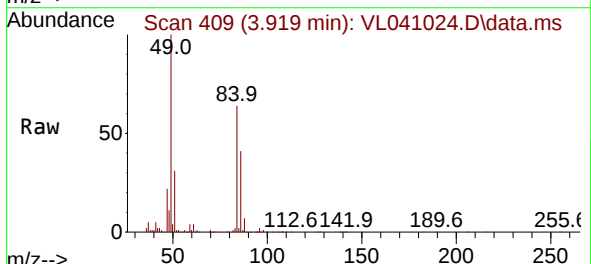
Tgt Ion: 45 Resp: 773539
Ion Ratio Lower Upper
45 100
58 2.5 2.2 3.4

Manual Integrations
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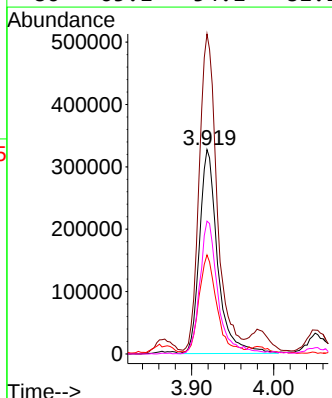
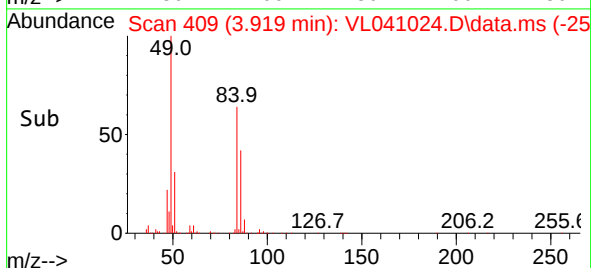
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

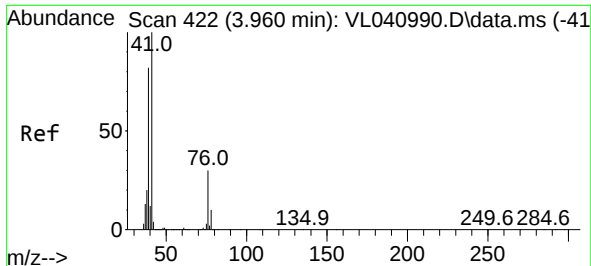


#20
Methylene Chloride
Concen: 9.021 ppbv
RT: 3.919 min Scan# 409
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49



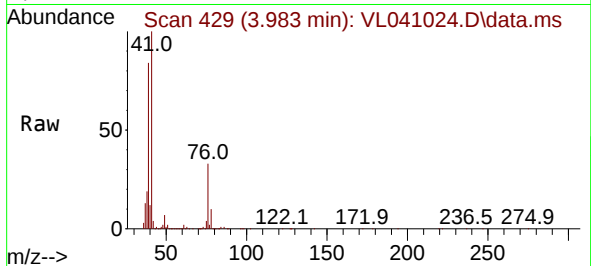
Tgt Ion: 84 Resp: 502528
Ion Ratio Lower Upper
84 100
49 155.0 128.1 192.1
51 47.7 36.5 54.7
86 65.1 54.1 81.1





#21
 Allyl Chloride
 Concen: 9.779 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041024.D
 Acq: 25 Jan 2024 9:49

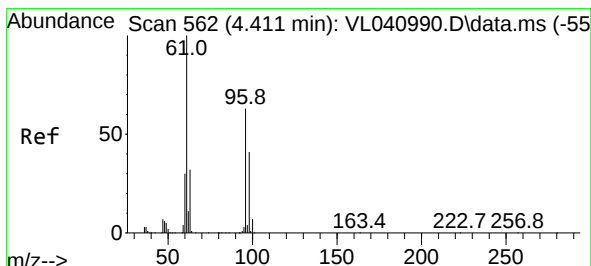
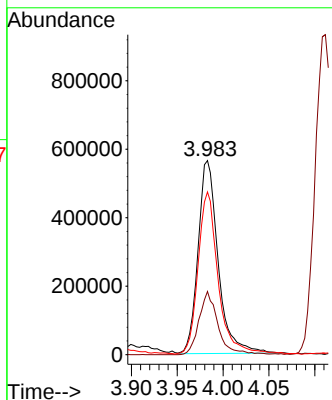
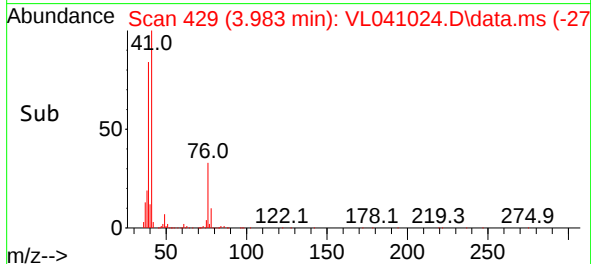
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 86010
 Ion Ratio Lower Upper
 41 100
 76 31.2 25.0 37.4
 39 83.6 67.0 100.6

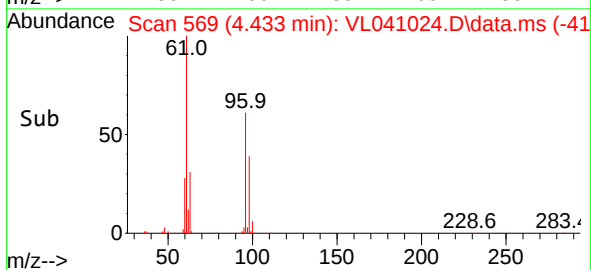
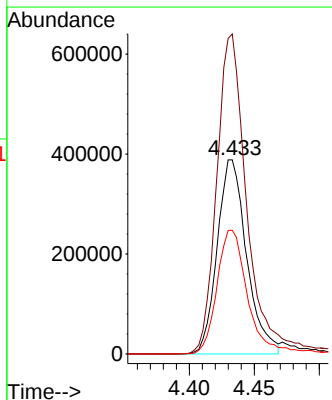
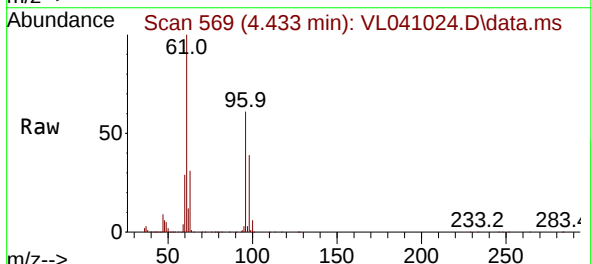
Manual Integrations
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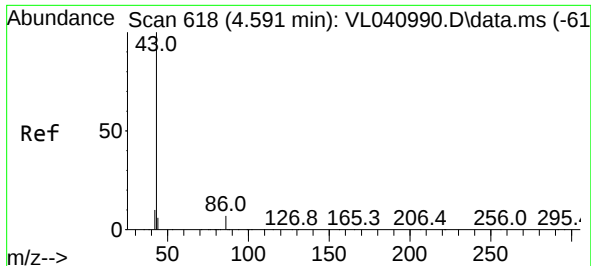
Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.521 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. 0.000 min
 Lab File: VL041024.D
 Acq: 25 Jan 2024 9:49

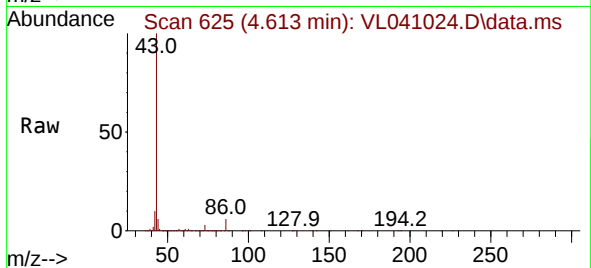
Tgt Ion: 96 Resp: 612855
 Ion Ratio Lower Upper
 96 100
 61 164.9 126.0 189.0
 98 63.7 51.2 76.8





#23
 Vinyl Acetate
 Concen: 10.095 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041024.D
 Acq: 25 Jan 2024 9:49

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

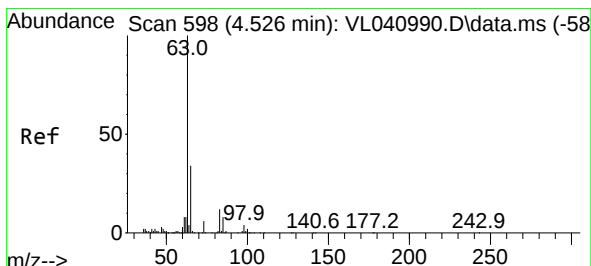
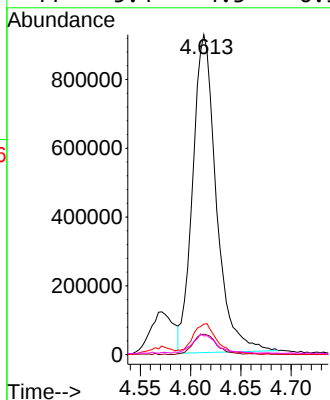
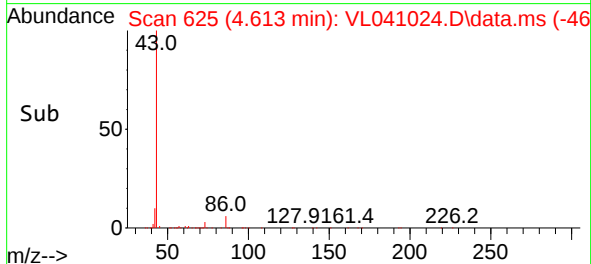


Tgt Ion: 43 Resp: 150639

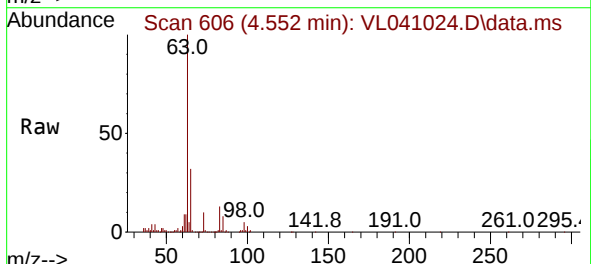
Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.4	8.0
42	9.4	8.6	13.0
44	5.4	4.3	6.5

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024

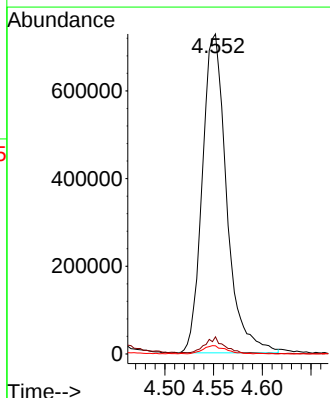
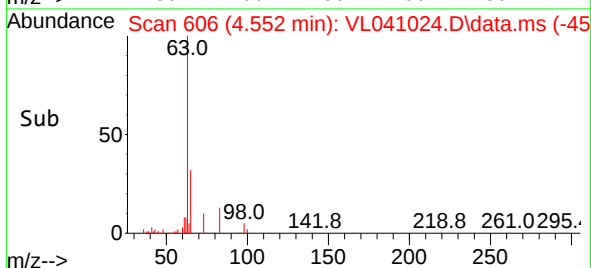


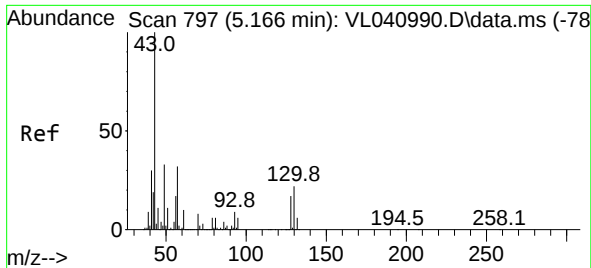
#24
 1,1-Dichloroethane
 Concen: 9.528 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. 0.000 min
 Lab File: VL041024.D
 Acq: 25 Jan 2024 9:49



Tgt Ion: 63 Resp: 1261270

Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.1	6.3
100	2.6	1.3	3.9





#25
Ethyl Acetate
Concen: 9.619 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

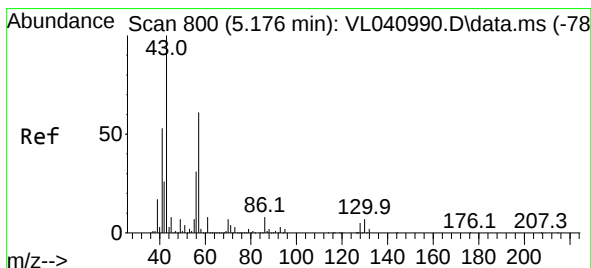
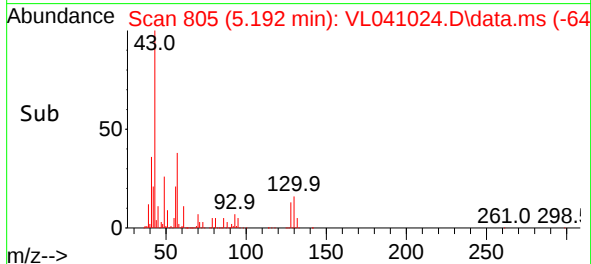
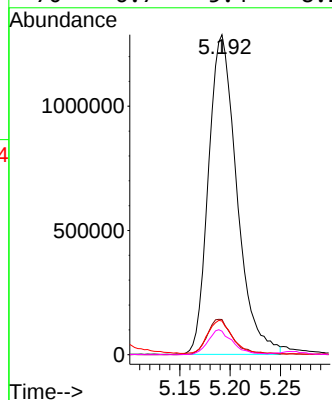
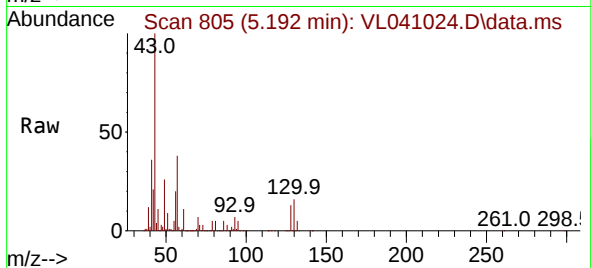
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 252485

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	9.9	7.9	11.9
70	6.7	5.4	8.2

Manual Integrations
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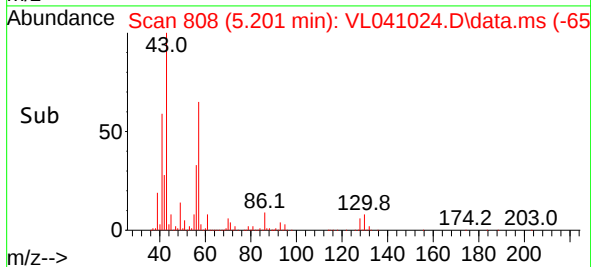
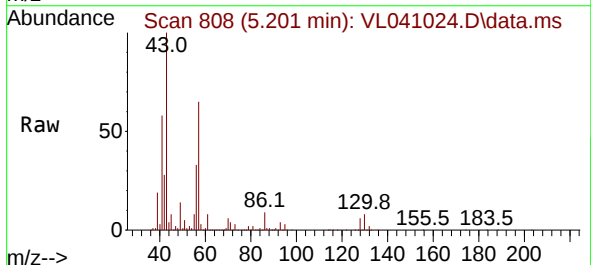
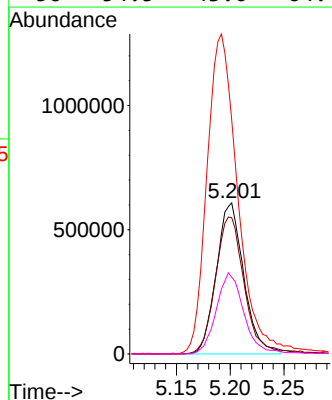
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

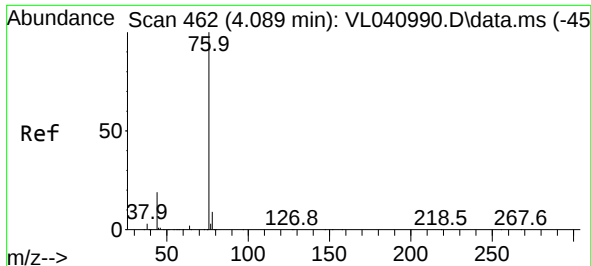


#26
Hexane
Concen: 9.628 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Tgt Ion: 57 Resp: 1077160

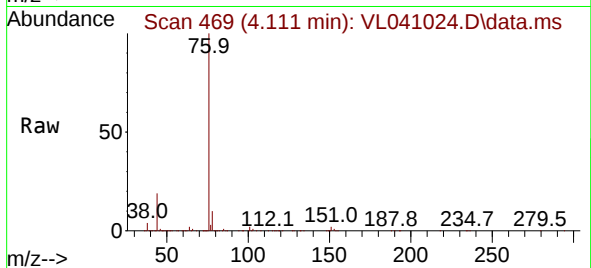
Ion	Ratio	Lower	Upper
57	100		
41	96.8	74.4	111.6
43	239.2	190.6	285.8
56	54.5	43.0	64.4





#27
Carbon Disulfide
Concen: 10.483 ppbv
RT: 4.111 min Scan# 40
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

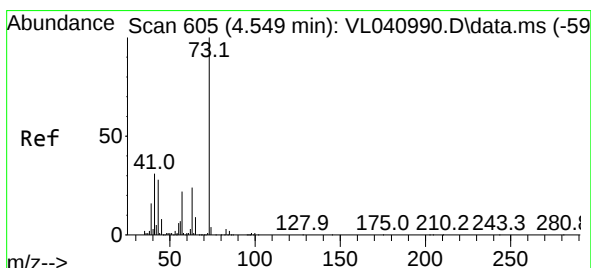
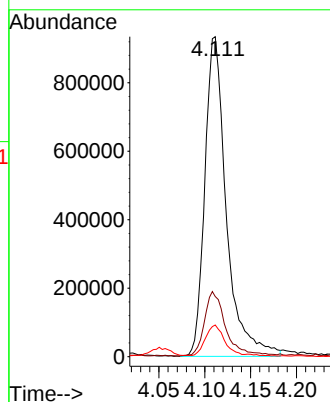
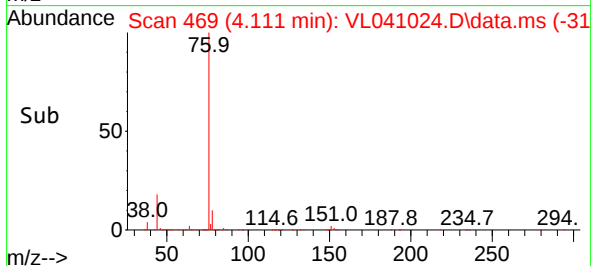
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



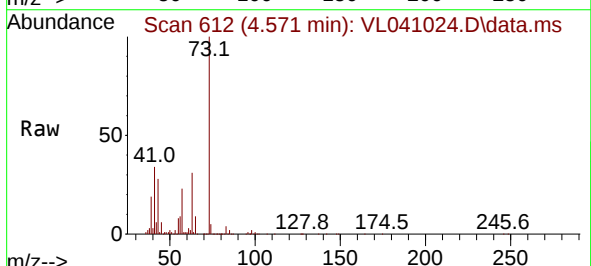
Tgt Ion: 76 Resp: 1526324
Ion Ratio Lower Upper
76 100
44 20.1 16.0 24.0
78 9.7 7.8 11.8

Manual Integrations
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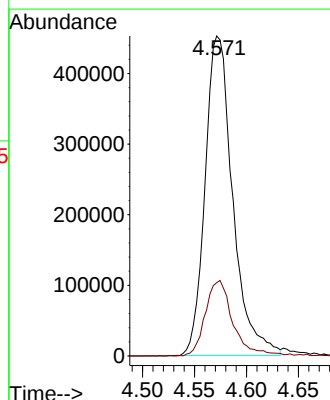
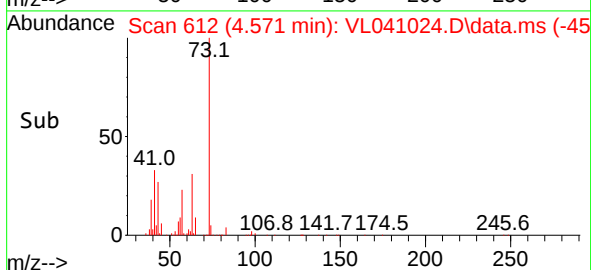
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

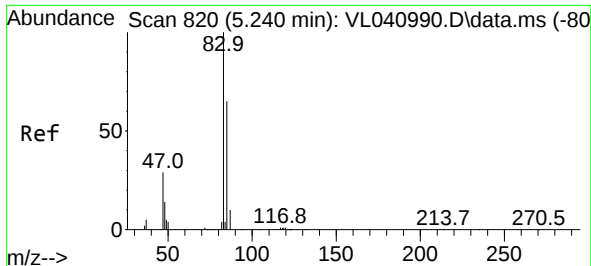


#28
Methyl tert-Butyl Ether
Concen: 9.020 ppbv
RT: 4.571 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49



Tgt Ion: 73 Resp: 837620
Ion Ratio Lower Upper
73 100
57 23.9 18.0 27.0





#29

Chloroform

Concen: 9.633 ppbv

RT: 5.259 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041024.D

Acq: 25 Jan 2024 9:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1911550

Ion Ratio Lower Upper

83 100

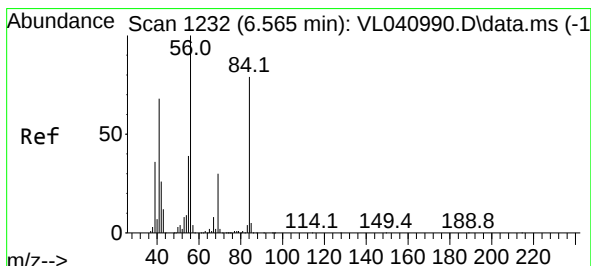
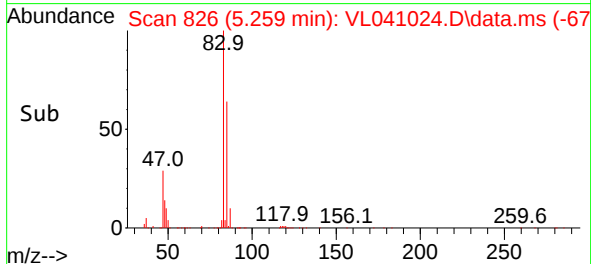
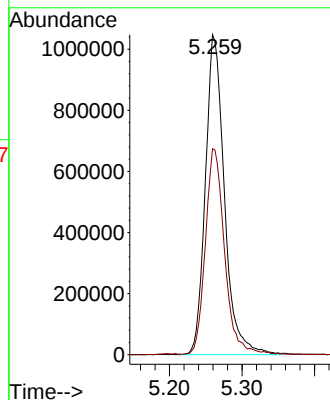
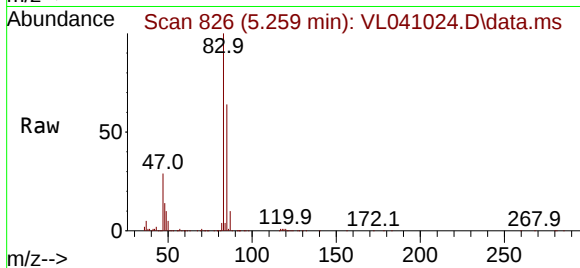
85 64.2 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#30

Cyclohexane

Concen: 9.759 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VL041024.D

Acq: 25 Jan 2024 9:49

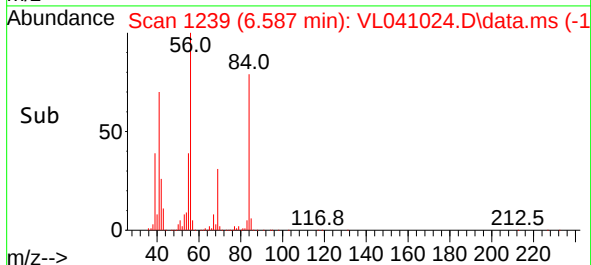
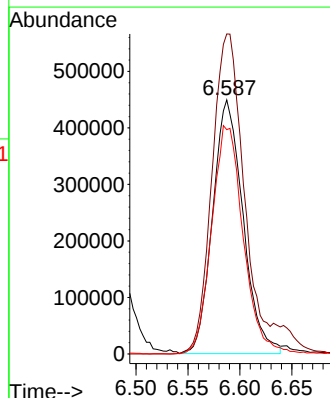
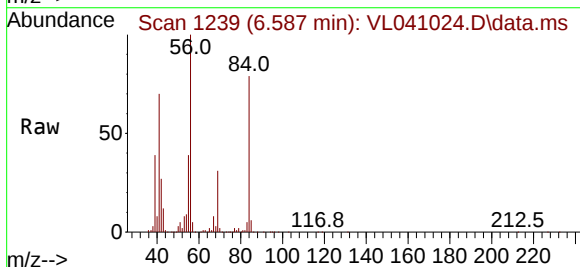
Tgt Ion: 84 Resp: 914856

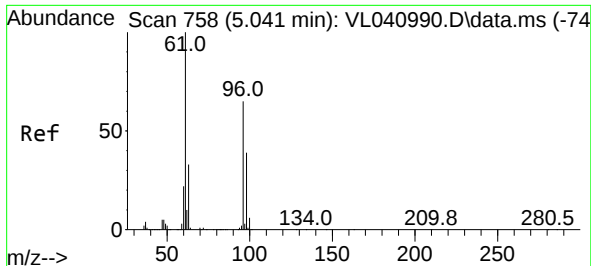
Ion Ratio Lower Upper

84 100

56 140.2 111.7 167.5

41 93.4 71.0 106.6





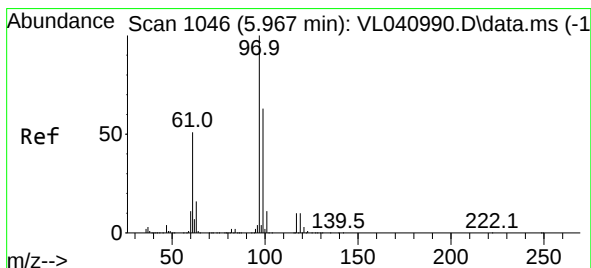
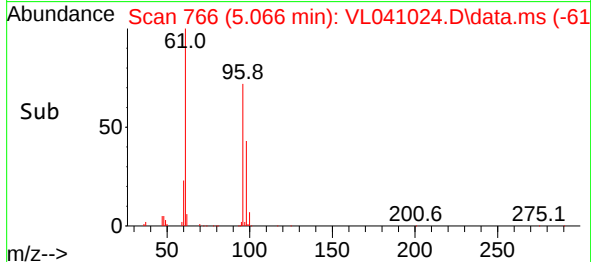
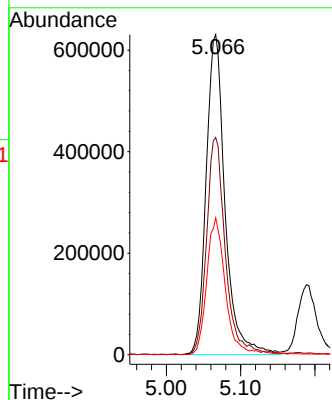
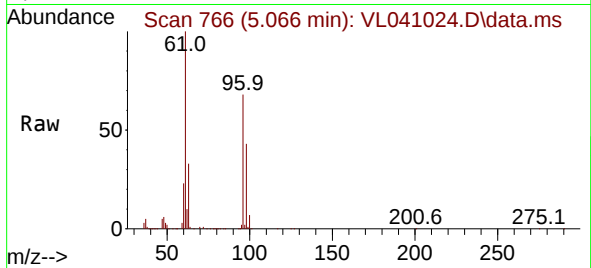
#31
cis-1,2-Dichloroethene
Concen: 10.570 ppbv
RT: 5.066 min Scan# 70
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 110996
Ion Ratio Lower Upper
61 100
96 67.9 51.9 77.9
98 42.8 31.5 47.3

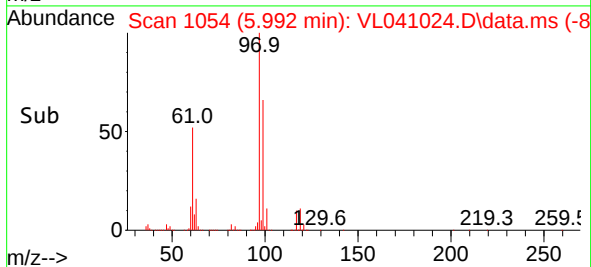
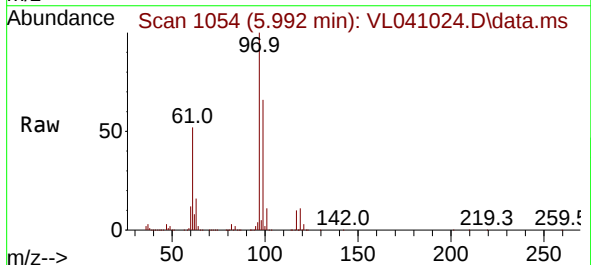
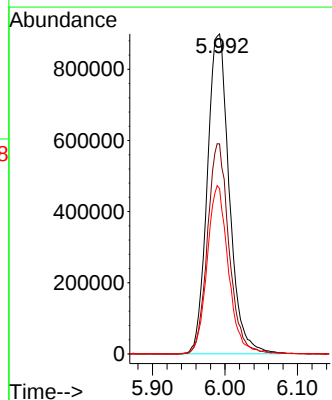
Manual Integrations
APPROVED

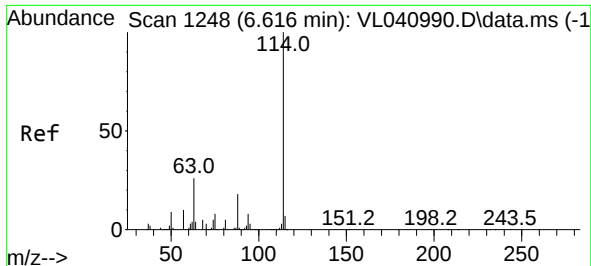
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#32
1,1,1-Trichloroethane
Concen: 10.008 ppbv
RT: 5.992 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Tgt Ion: 97 Resp: 1898107
Ion Ratio Lower Upper
97 100
99 64.7 51.5 77.3
61 51.2 40.3 60.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Instrument :

MSVOA_L

ClientSampleId :

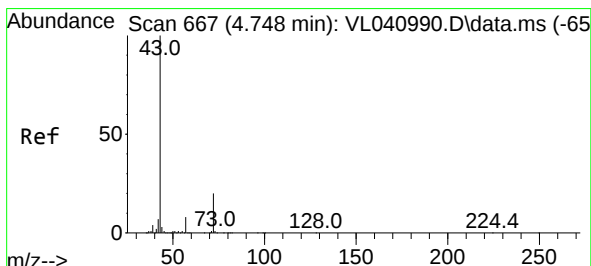
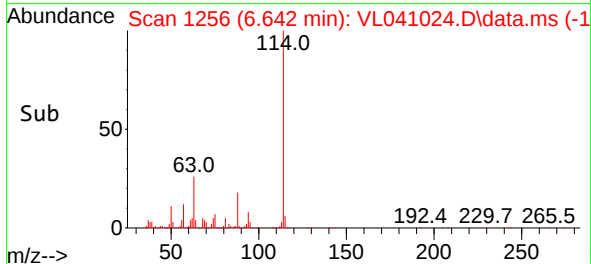
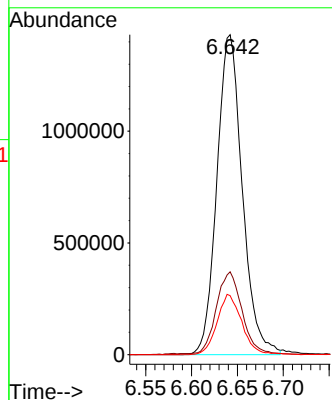
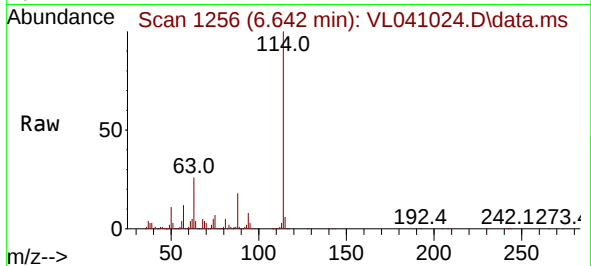
VSTDCCC010

Tgt Ion:114 Resp: 2761238
Ion Ratio Lower Upper
114 100
63 26.8 20.8 31.2
88 18.4 14.3 21.5

Manual Integrations

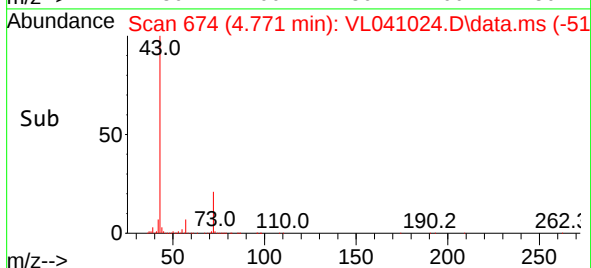
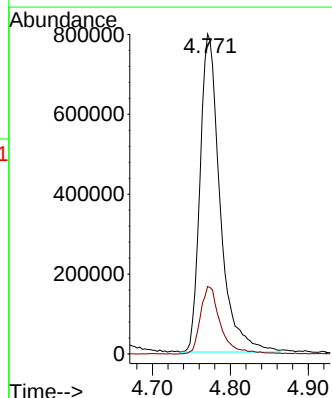
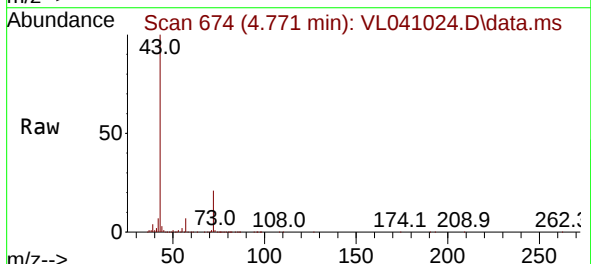
APPROVED

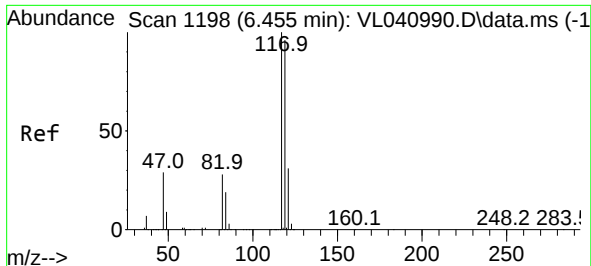
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#34
2-Butanone
Concen: 10.798 ppbv
RT: 4.771 min Scan# 674
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

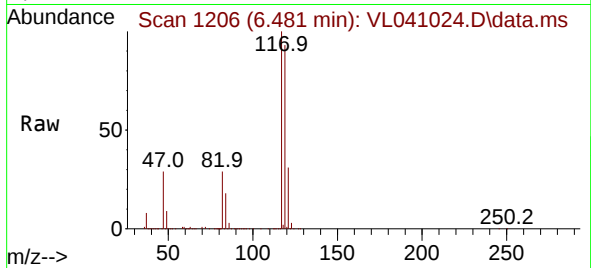
Tgt Ion: 43 Resp: 1420416
Ion Ratio Lower Upper
43 100
72 21.6 17.5 26.3





#35
Carbon Tetrachloride
Concen: 10.972 ppbv
RT: 6.481 min Scan# 1198
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

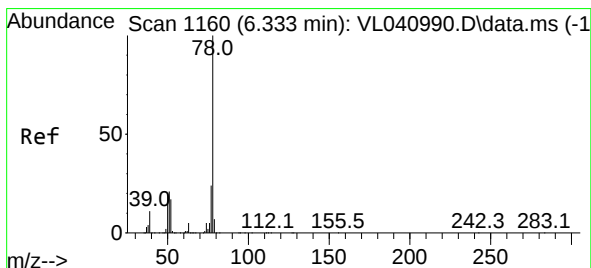
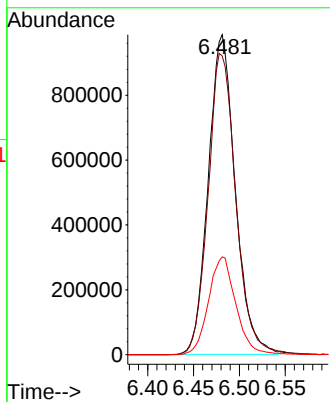
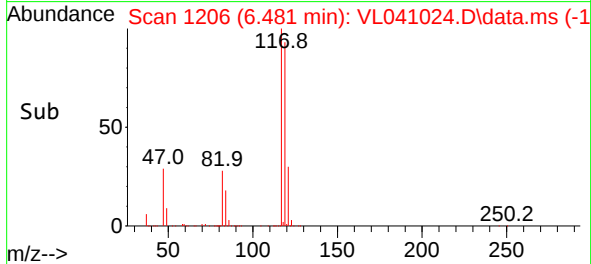
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 202036
Ion Ratio Lower Upper
117 100
119 93.3 76.9 115.3
121 30.6 24.7 37.1

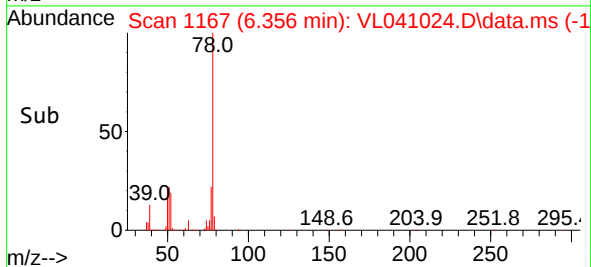
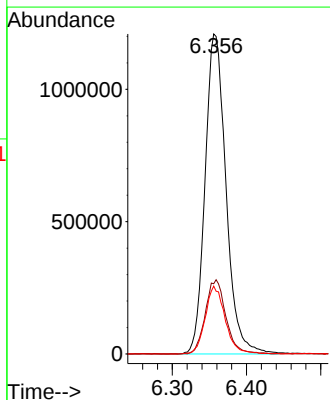
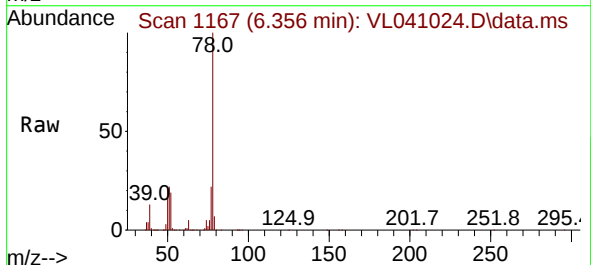
Manual Integrations
APPROVED

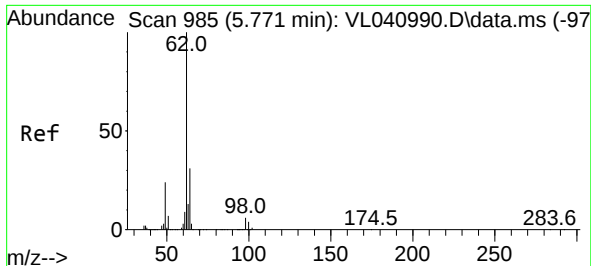
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#36
Benzene
Concen: 10.371 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Tgt Ion: 78 Resp: 2364961
Ion Ratio Lower Upper
78 100
77 21.9 19.0 28.4
50 21.2 15.8 23.6





#37

1,2-Dichloroethane

Concen: 10.542 ppbv

RT: 5.793 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL041024.D

Acq: 25 Jan 2024 9:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 146707

Ion Ratio Lower Upper

62 100

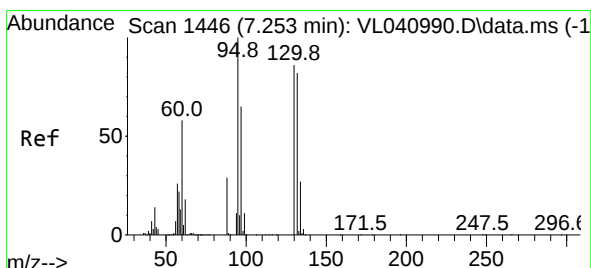
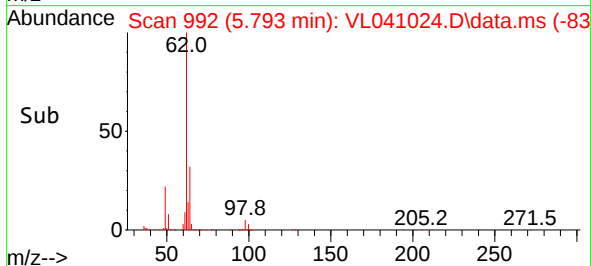
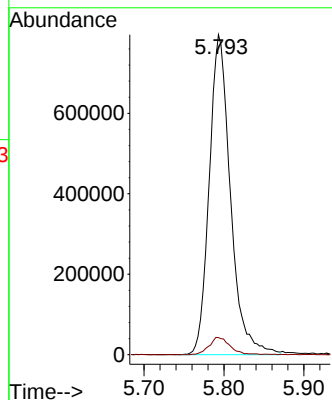
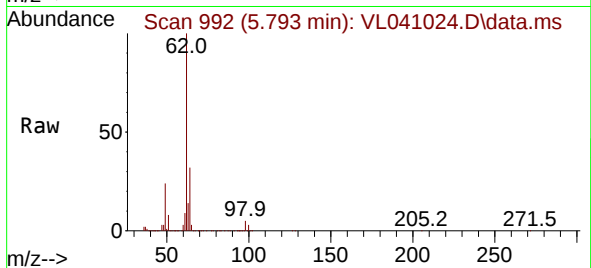
98 5.5 4.7 7.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#38

Trichloroethene

Concen: 10.108 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VL041024.D

Acq: 25 Jan 2024 9:49

Tgt Ion:130 Resp: 924134

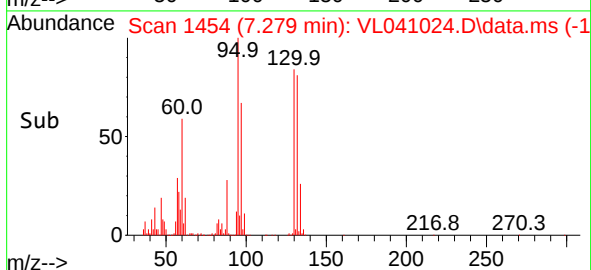
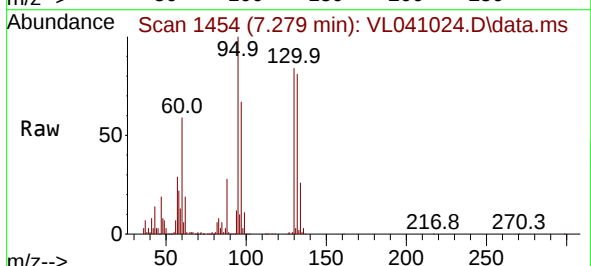
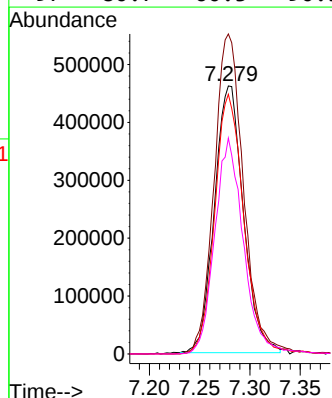
Ion Ratio Lower Upper

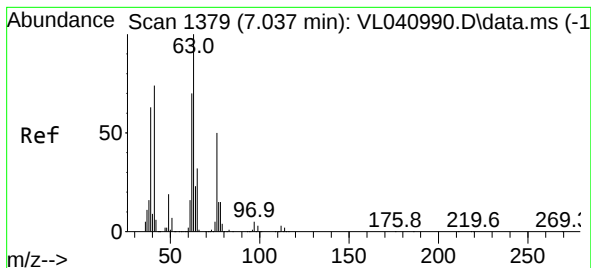
130 100

95 119.9 92.9 139.3

132 97.4 76.2 114.2

97 80.7 60.3 90.5





#39

1,2-Dichloropropane

Concen: 10.336 ppbv

RT: 7.063 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041024.D

Acq: 25 Jan 2024 9:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

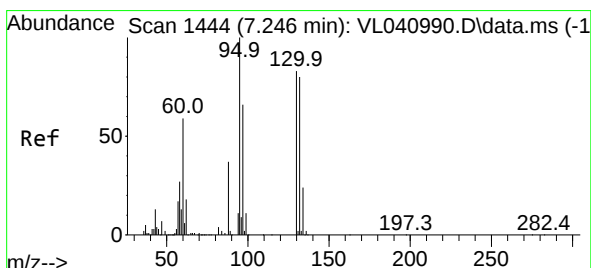
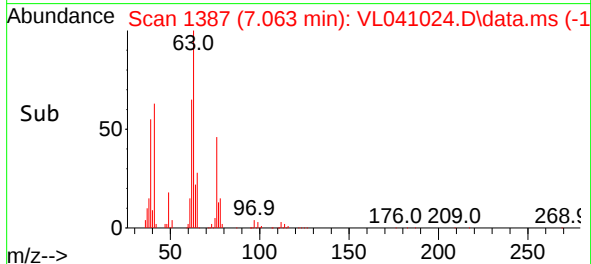
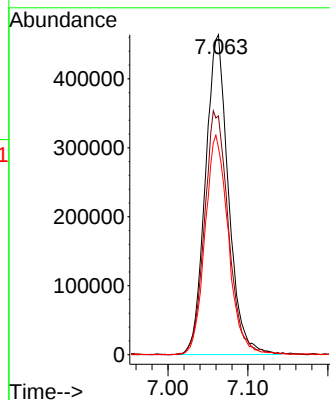
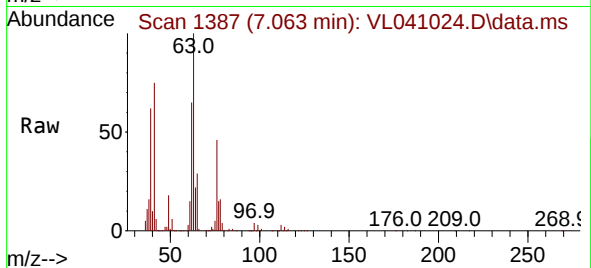
Tgt Ion: 63 Resp: 92859

Ion	Ratio	Lower	Upper
63	100		
41	74.4	59.6	89.4
62	64.5	55.6	83.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#40

1,4-Dioxane

Concen: 9.585 ppbv

RT: 7.269 min Scan# 1451

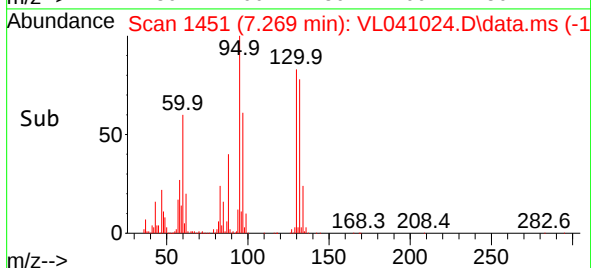
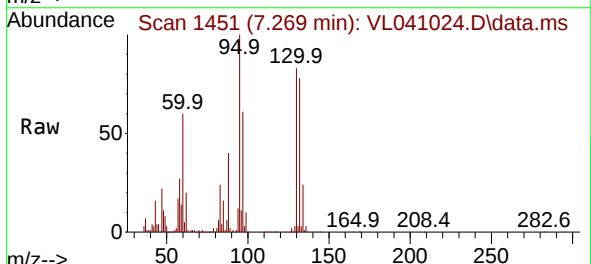
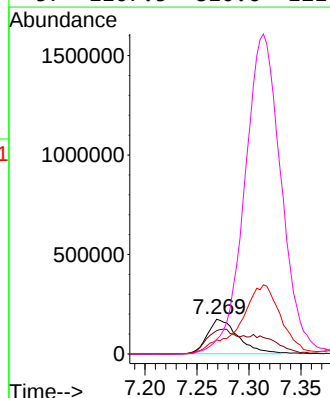
Delta R.T. 0.000 min

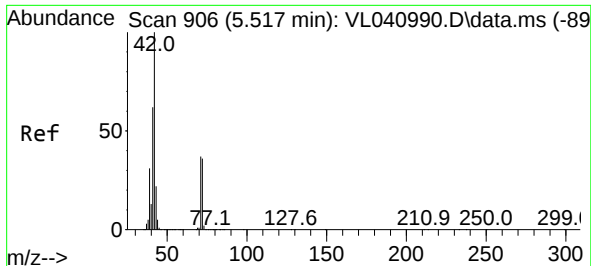
Lab File: VL041024.D

Acq: 25 Jan 2024 9:49

Tgt Ion: 88 Resp: 357639

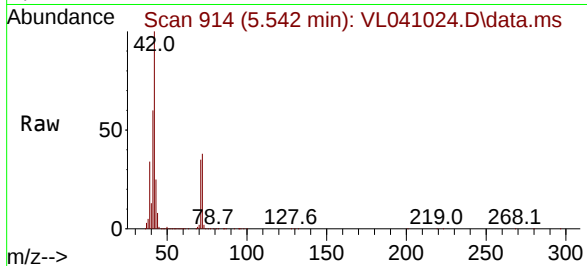
Ion	Ratio	Lower	Upper
88	100		
58	128.0	96.6	144.8
43	265.4	191.0	286.6
57	1107.5	810.6	1216.0





#41
Tetrahydrofuran
Concen: 10.693 ppbv
RT: 5.542 min Scan# 914
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

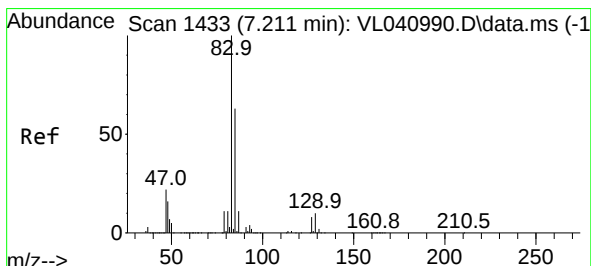
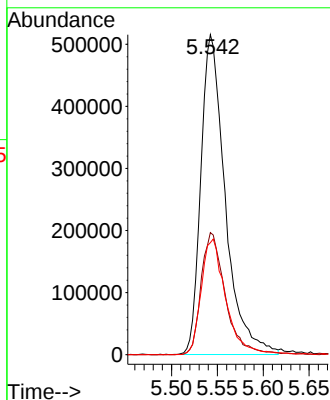
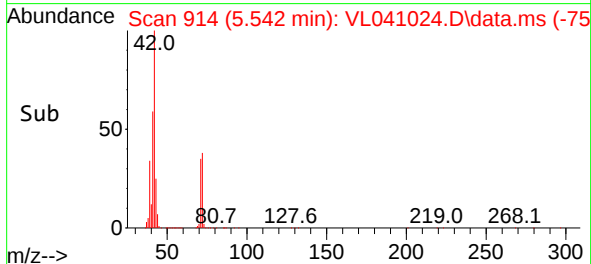
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 955049
Ion Ratio Lower Upper
42 100
72 38.1 30.0 45.0
71 36.9 29.5 44.3

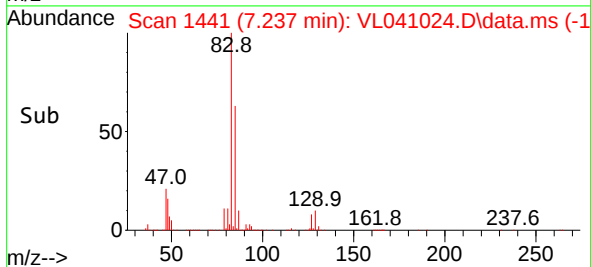
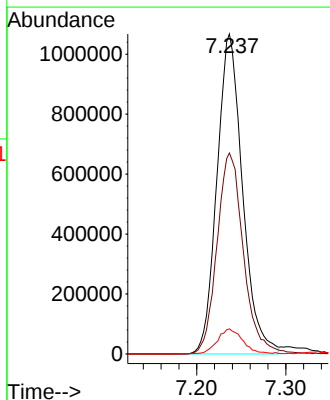
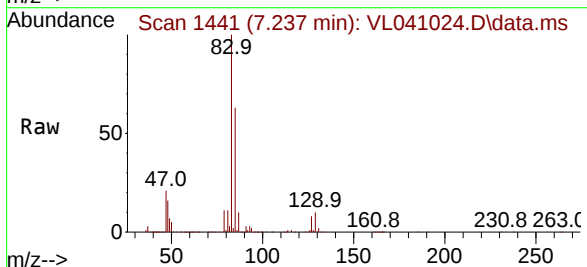
Manual Integrations
APPROVED

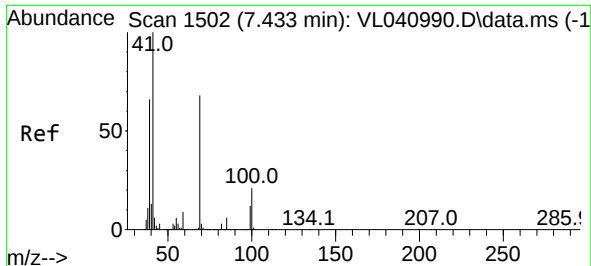
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#42
Bromodichloromethane
Concen: 10.688 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

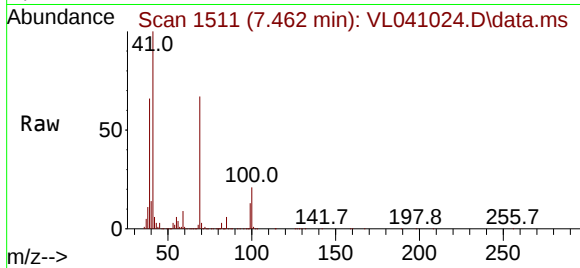
Tgt Ion: 83 Resp: 2128235
Ion Ratio Lower Upper
83 100
85 62.8 50.5 75.7
127 7.8 6.4 9.6





#43
Methyl Methacrylate
Concen: 11.232 ppbv
RT: 7.462 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

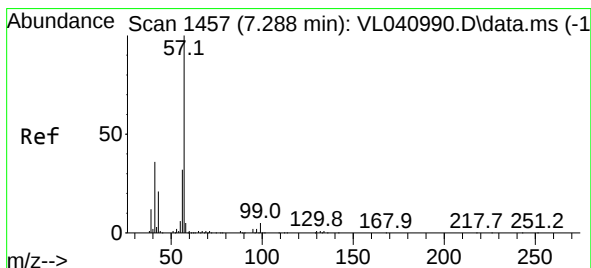
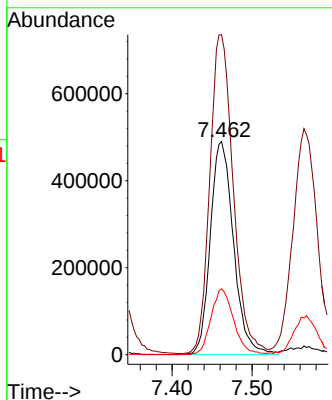
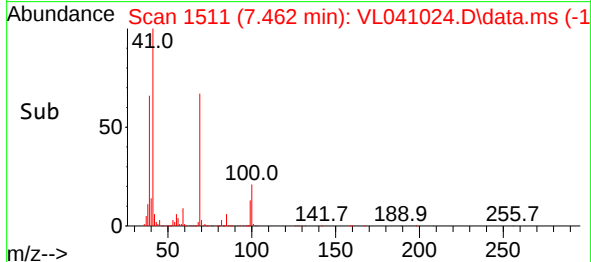
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 988374
Ion Ratio Lower Upper
69 100
41 151.6 120.2 180.2
100 30.2 24.6 36.8

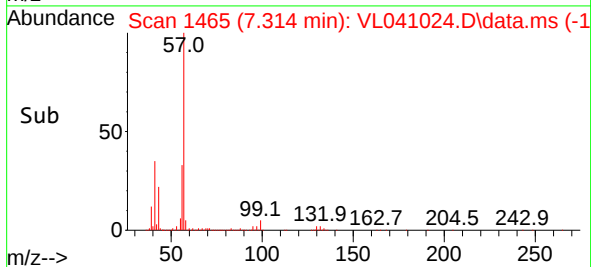
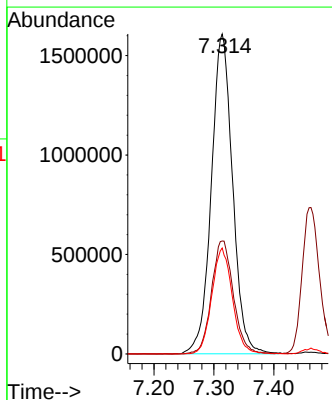
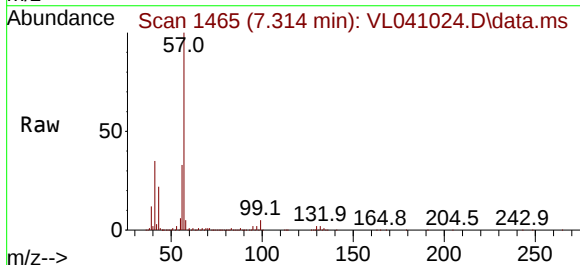
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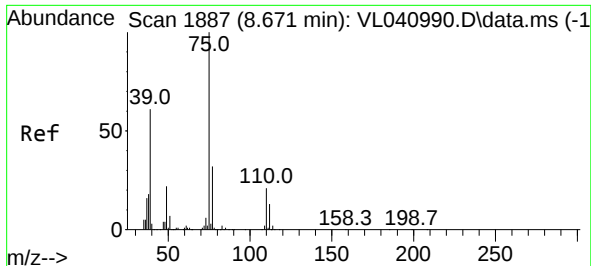
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#44
2,2,4-Trimethylpentane
Concen: 10.302 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Tgt Ion: 57 Resp: 3952904
Ion Ratio Lower Upper
57 100
41 36.4 28.6 43.0
56 32.1 25.2 37.8





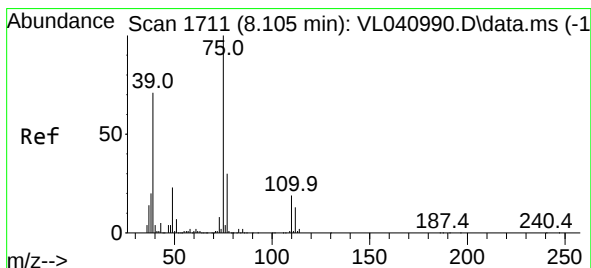
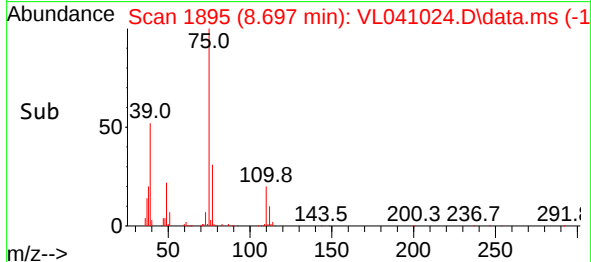
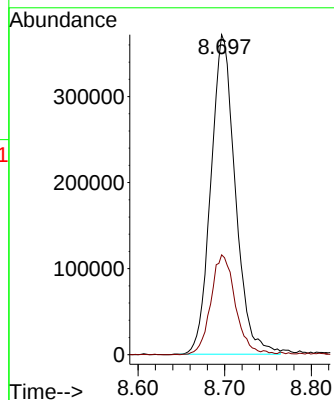
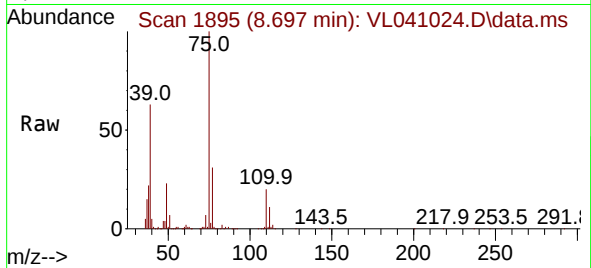
#45
t-1,3-Dichloropropene
Concen: 12.097 ppbv
RT: 8.697 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 72738
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9

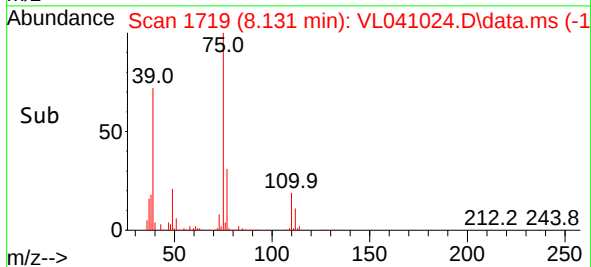
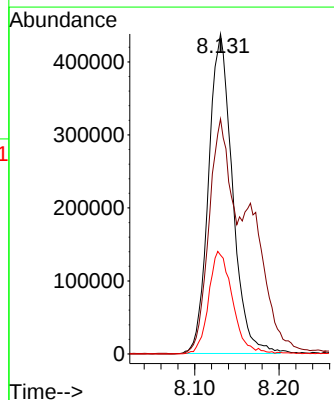
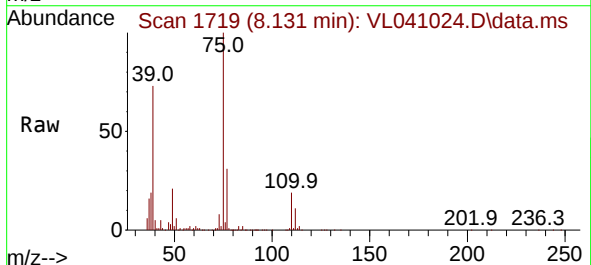
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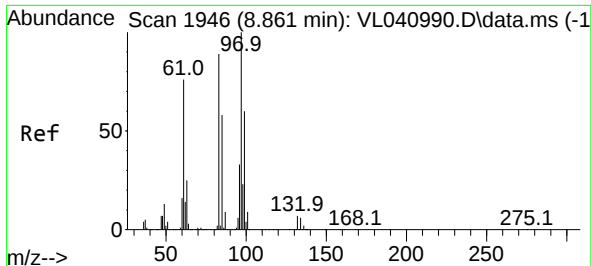
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#46
cis-1,3-Dichloropropene
Concen: 11.489 ppbv
RT: 8.131 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Tgt Ion: 75 Resp: 861478
Ion Ratio Lower Upper
75 100
39 73.4 57.3 85.9
77 30.9 24.3 36.5





#47

1,1,2-Trichloroethane

Concen: 10.376 ppbv

RT: 8.889 min Scan# 1946

Delta R.T. 0.000 min

Lab File: VL041024.D

Acq: 25 Jan 2024 9:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 1004754

Ion Ratio Lower Upper

97 100

83 91.7 71.5 107.3

85 58.0 46.1 69.1

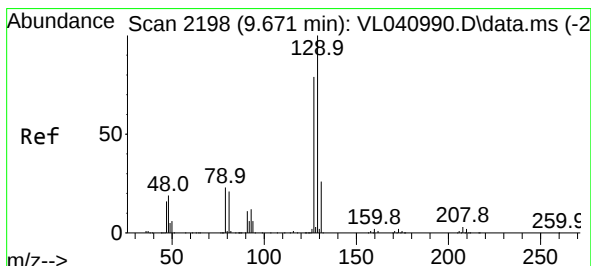
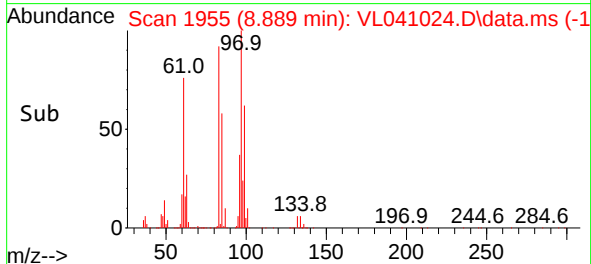
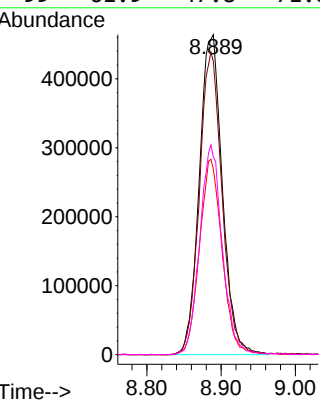
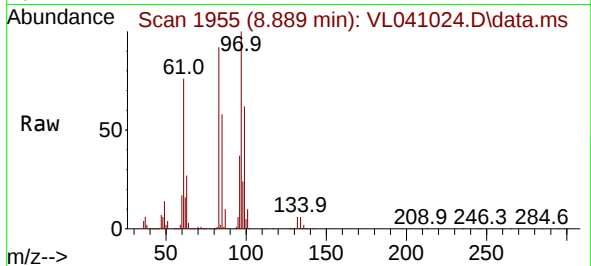
99 61.9 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#48

Dibromochloromethane

Concen: 10.964 ppbv

RT: 9.696 min Scan# 2206

Delta R.T. 0.000 min

Lab File: VL041024.D

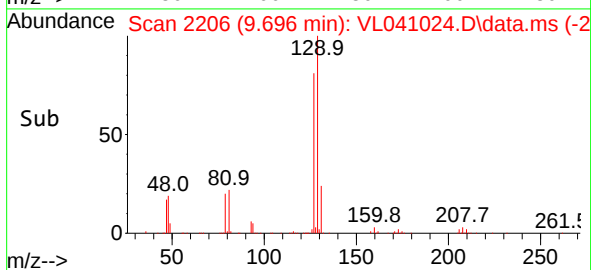
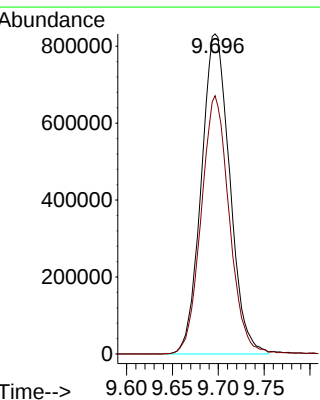
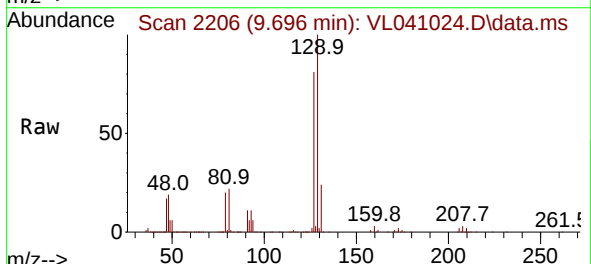
Acq: 25 Jan 2024 9:49

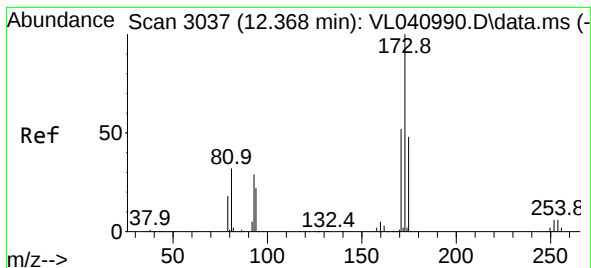
Tgt Ion:129 Resp: 1794852

Ion Ratio Lower Upper

129 100

127 79.8 39.6 119.0





#49

Bromoform

Concen: 11.841 ppbv

RT: 12.391 min Scan# 3037

Delta R.T. 0.000 min

Lab File: VL041024.D

Acq: 25 Jan 2024 9:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 152062

Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

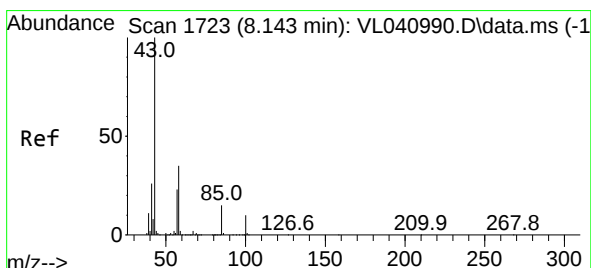
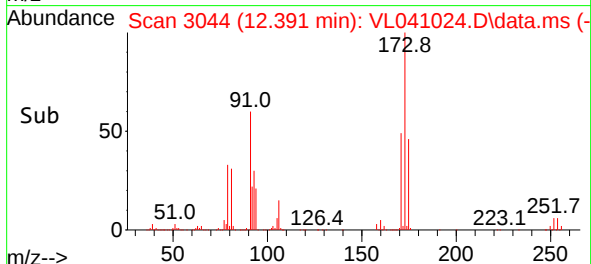
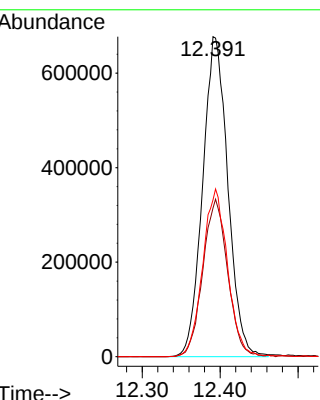
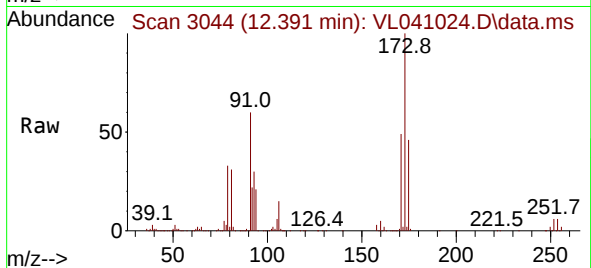
171 51.8 42.0 63.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#50

4-Methyl-2-Pentanone

Concen: 11.168 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. 0.000 min

Lab File: VL041024.D

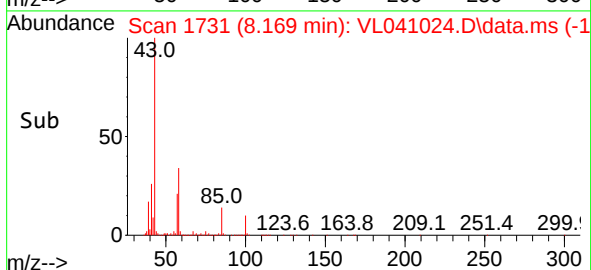
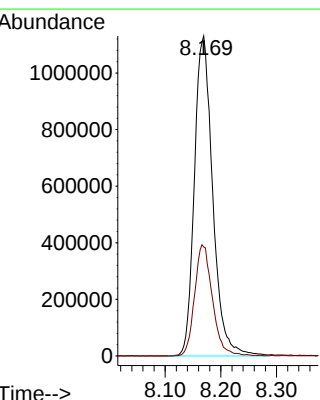
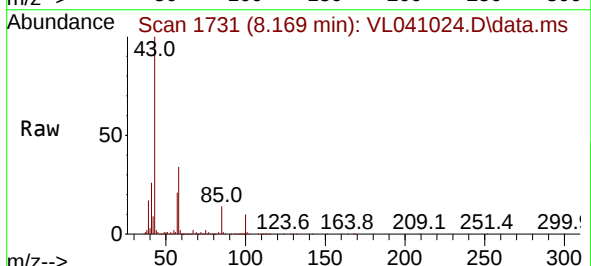
Acq: 25 Jan 2024 9:49

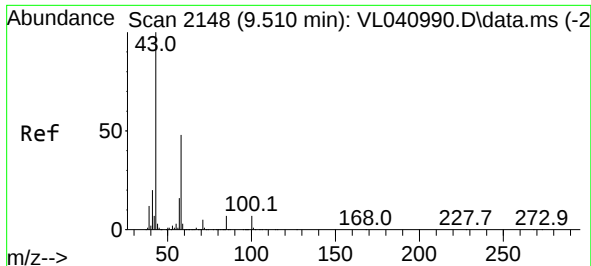
Tgt Ion: 43 Resp: 2587157

Ion Ratio Lower Upper

43 100

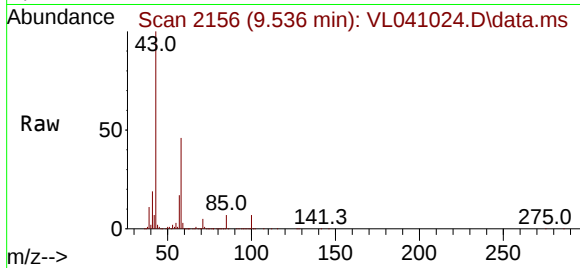
58 33.9 27.8 41.8





#51
2-Hexanone
Concen: 11.283 ppbv
RT: 9.536 min Scan# 2148
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

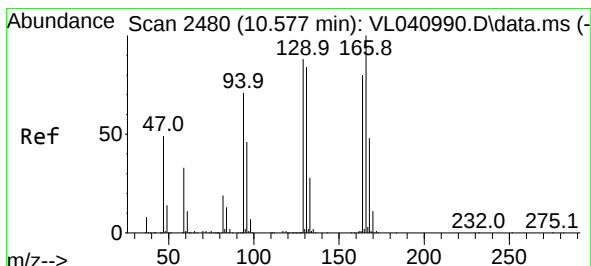
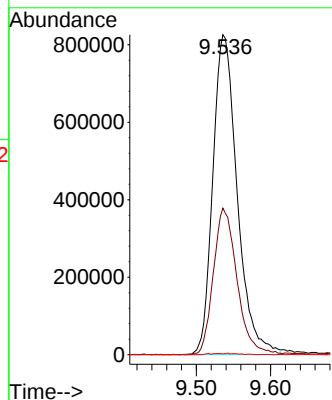
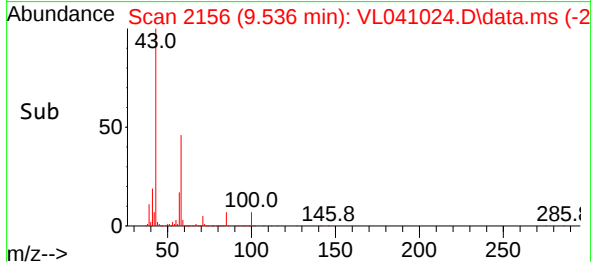
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



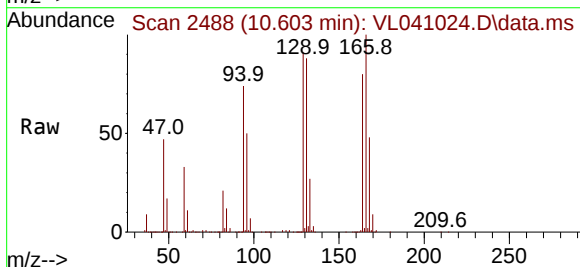
Tgt Ion: 43 Resp: 188416
Ion Ratio Lower Upper
43 100
58 45.1 36.8 55.2
98 0.5 0.3 0.5

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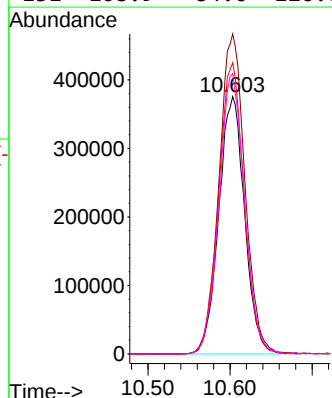
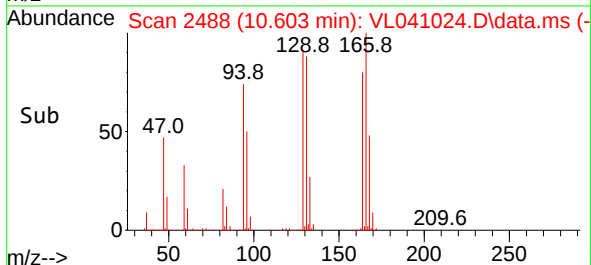
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

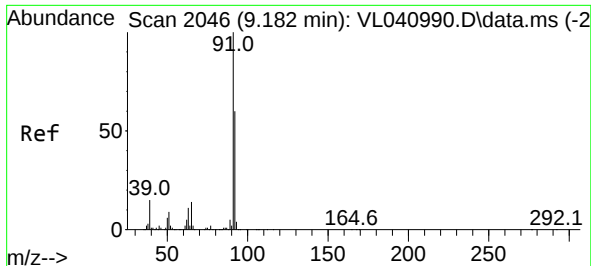


#52
Tetrachloroethene
Concen: 10.819 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49



Tgt Ion:164 Resp: 819336
Ion Ratio Lower Upper
164 100
166 124.3 100.2 150.2
129 113.0 87.9 131.9
131 108.9 84.0 126.0





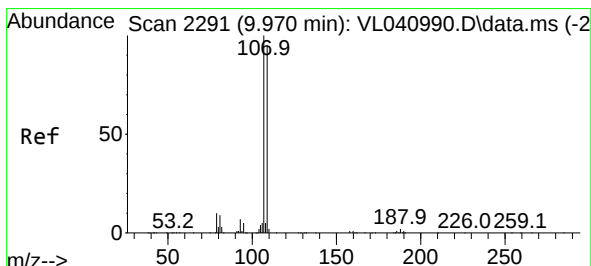
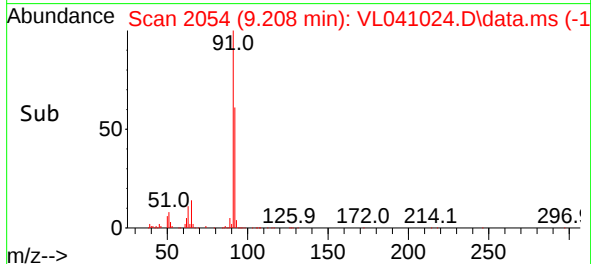
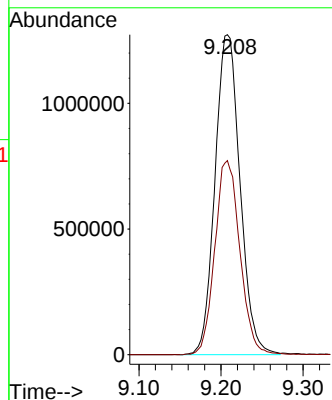
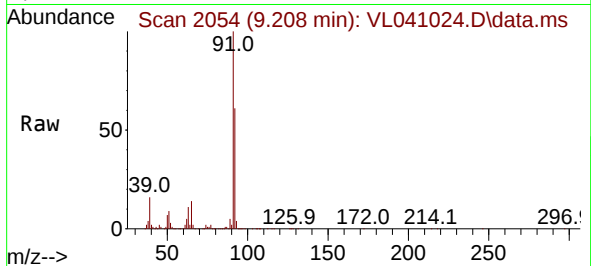
#53
Toluene
Concen: 10.825 ppbv
RT: 9.208 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2704390
Ion Ratio Lower Upper
91 100
92 60.8 48.6 72.8

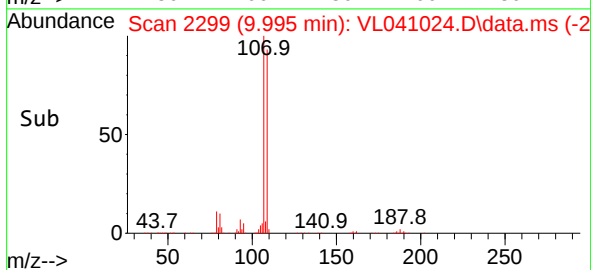
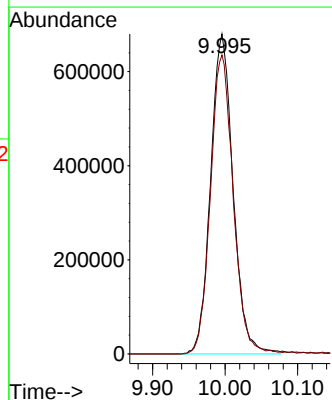
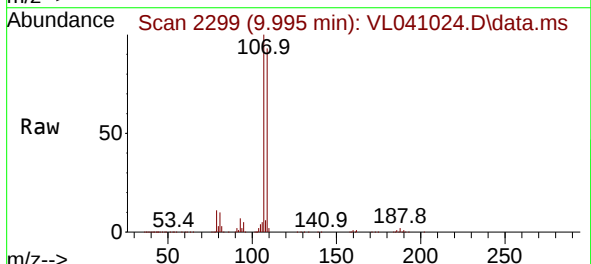
Manual Integrations
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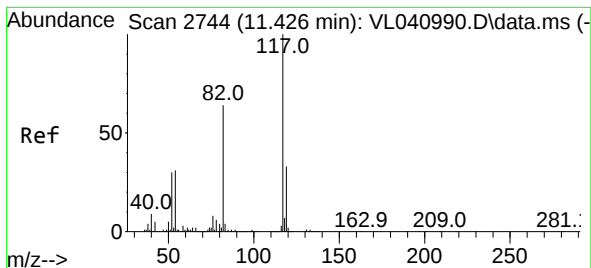
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#54
1,2-Dibromoethane
Concen: 11.164 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

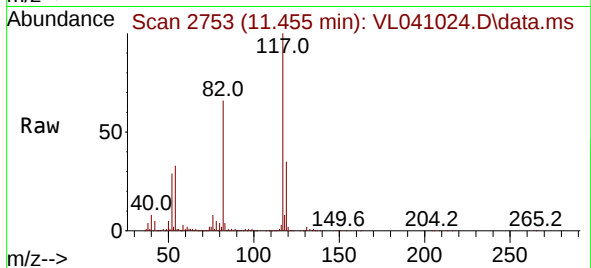
Tgt Ion:107 Resp: 1464006
Ion Ratio Lower Upper
107 100
109 93.5 76.1 114.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.455 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

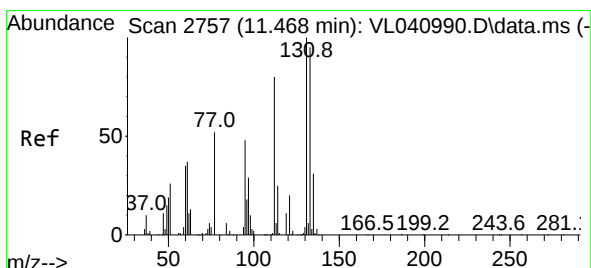
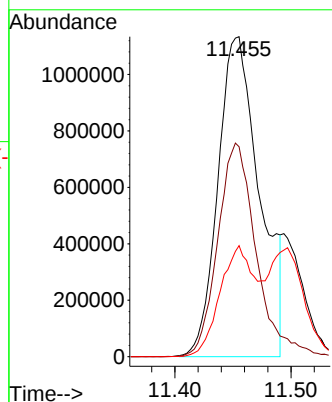
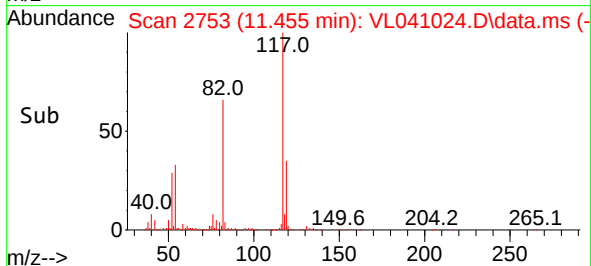
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



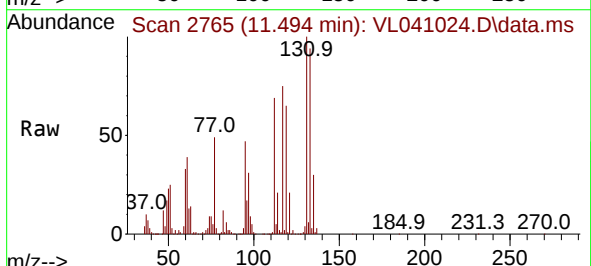
Tgt Ion:117 Resp: 282905
Ion Ratio Lower Upper
117 100
82 62.0 51.7 77.5
119 29.5 23.8 35.6

Manual Integrations
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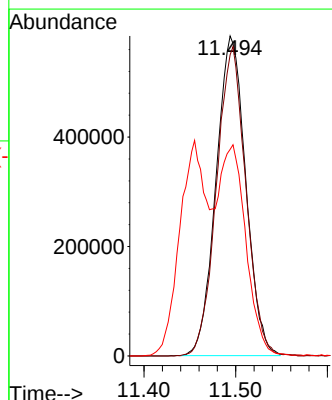
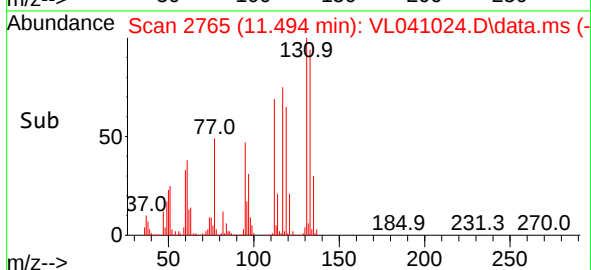
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

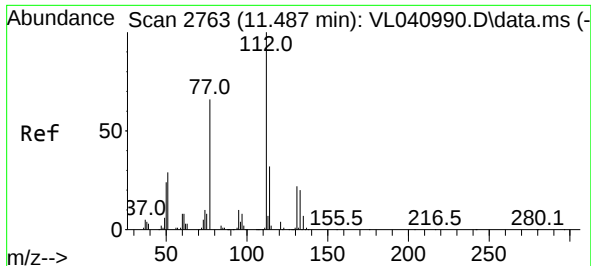


#56
1,1,1,2-Tetrachloroethane
Concen: 9.662 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49



Tgt Ion:131 Resp: 1311413
Ion Ratio Lower Upper
131 100
133 95.9 75.9 113.9
119 62.4 49.2 73.8





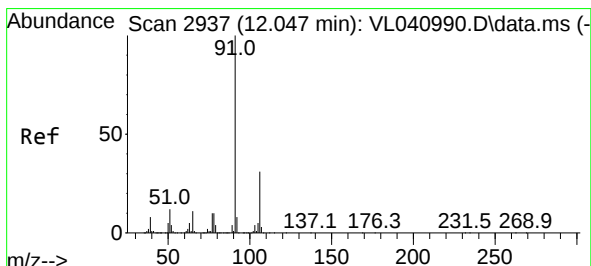
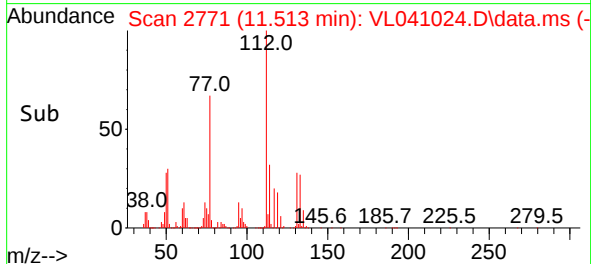
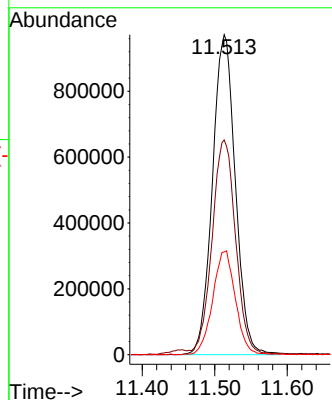
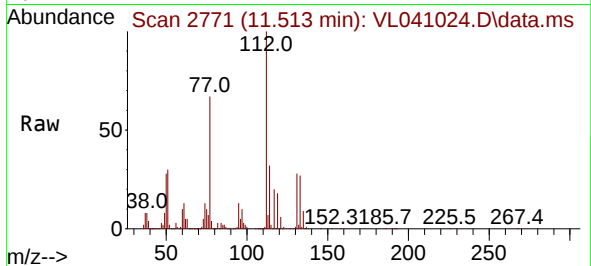
#57
Chlorobenzene
Concen: 9.389 ppbv
RT: 11.513 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 213671
Ion Ratio Lower Upper
112 100
77 66.8 53.4 80.0
114 32.0 29.1 35.5

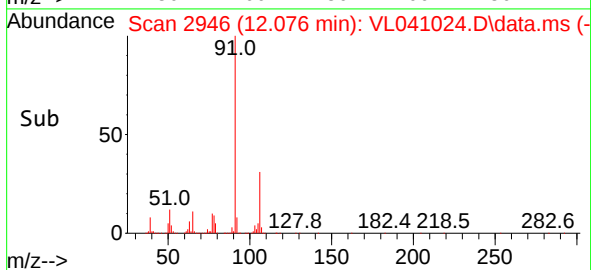
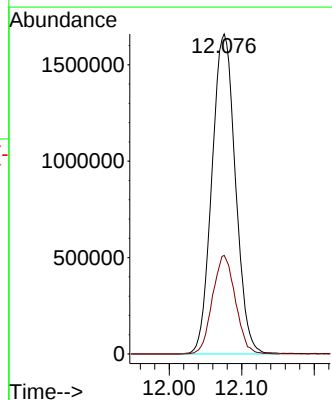
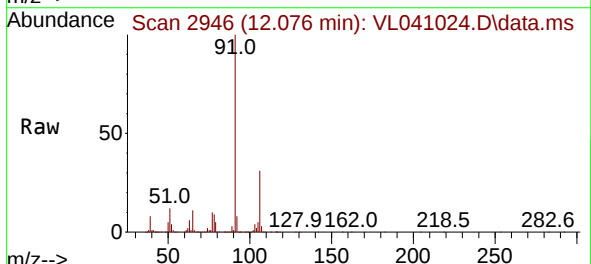
Manual Integrations
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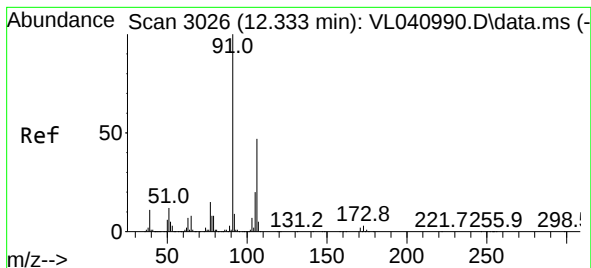
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#58
Ethyl Benzene
Concen: 9.840 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

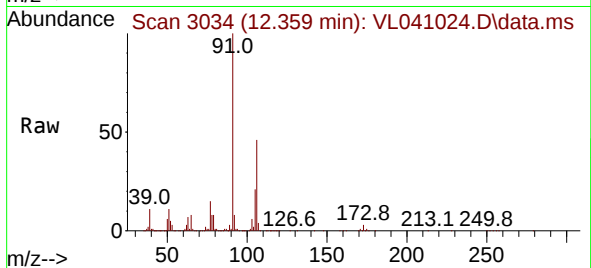
Tgt Ion: 91 Resp: 3738356
Ion Ratio Lower Upper
91 100
106 30.8 24.8 37.2





#59
m/p-Xylene
Concen: 19.591 ppbv m
RT: 12.359 min Scan# 3026
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

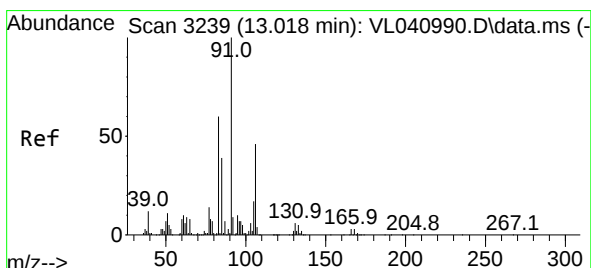
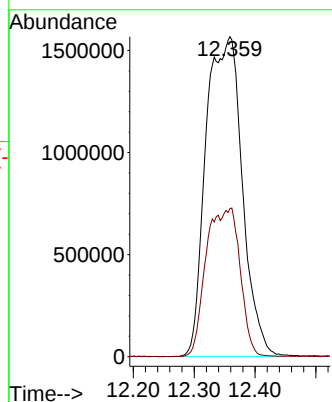
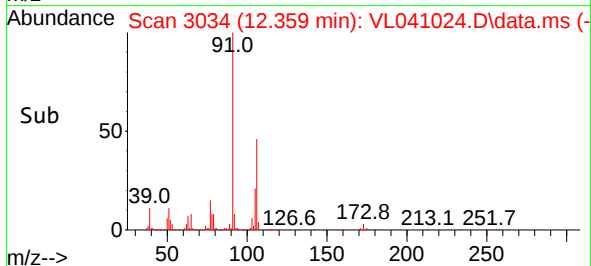
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 6489070
Ion Ratio Lower Upper
91 100
106 43.4 34.9 52.3

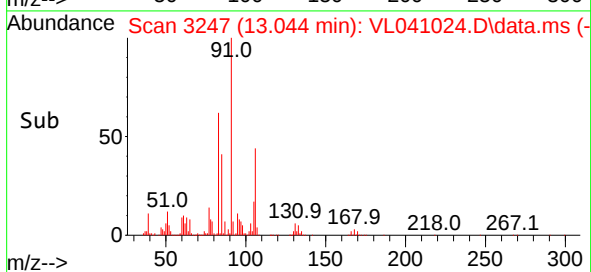
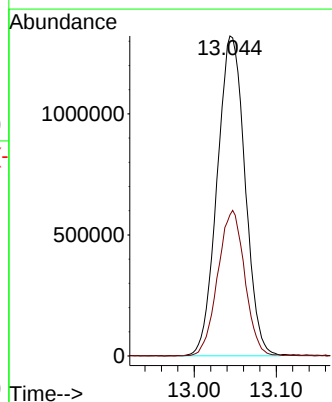
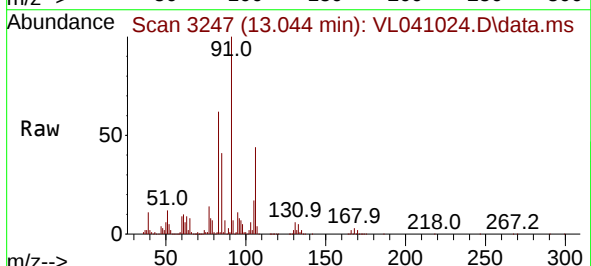
Manual Integrations
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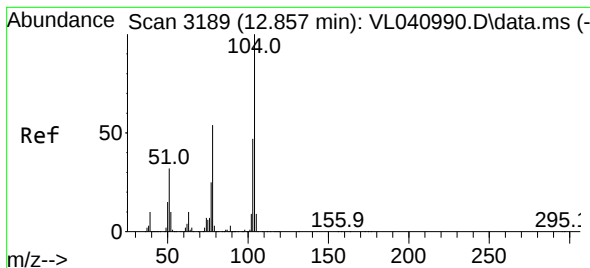
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#60
o-Xylene
Concen: 9.804 ppbv
RT: 13.044 min Scan# 3247
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Tgt Ion: 91 Resp: 3115584
Ion Ratio Lower Upper
91 100
106 44.4 22.6 67.7





#61

Styrene

Concen: 10.778 ppbv

RT: 12.883 min Scan# 3189

Delta R.T. 0.000 min

Lab File: VL041024.D

Acq: 25 Jan 2024 9:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 157271

Ion Ratio Lower Upper

104 100

78 54.9 42.7 64.1

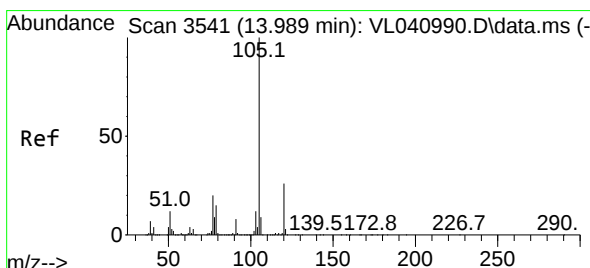
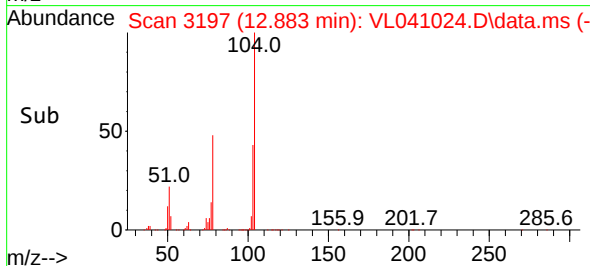
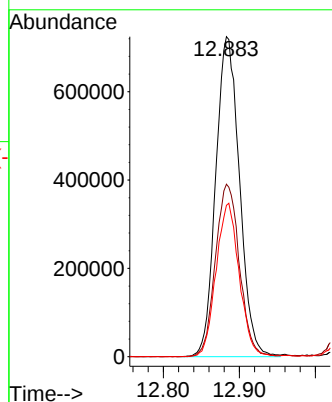
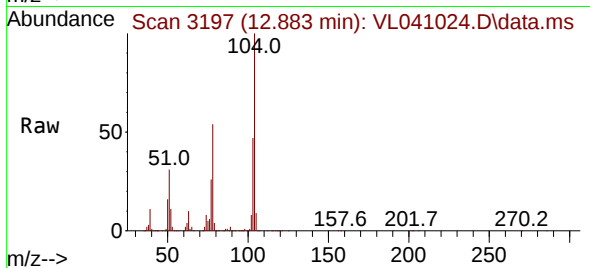
103 47.1 37.6 56.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#62

Isopropylbenzene

Concen: 9.564 ppbv

RT: 14.015 min Scan# 3549

Delta R.T. 0.000 min

Lab File: VL041024.D

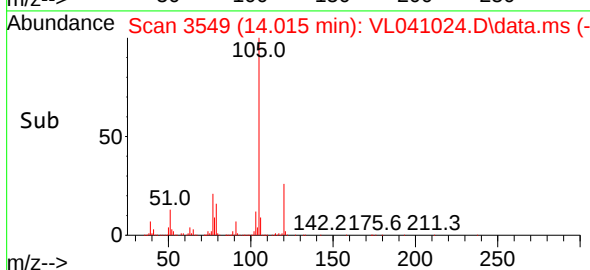
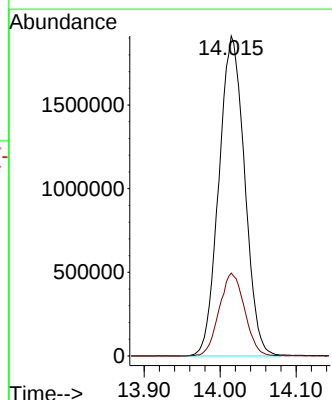
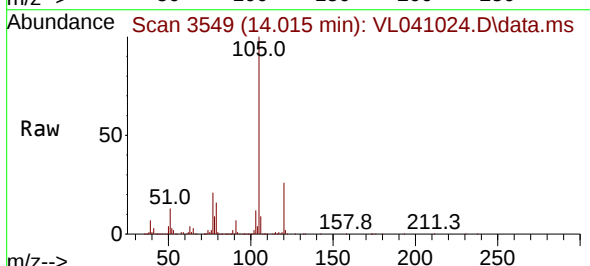
Acq: 25 Jan 2024 9:49

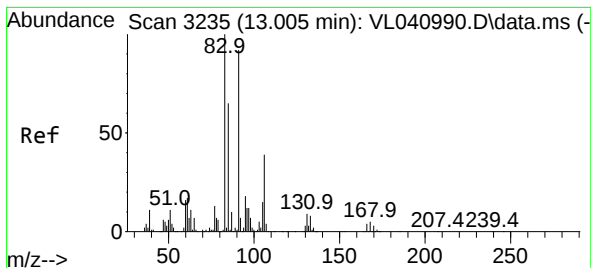
Tgt Ion:105 Resp: 4495005

Ion Ratio Lower Upper

105 100

120 25.6 20.9 31.3





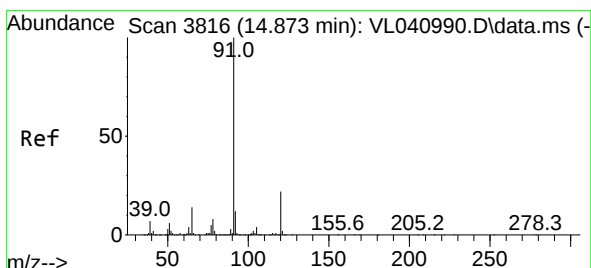
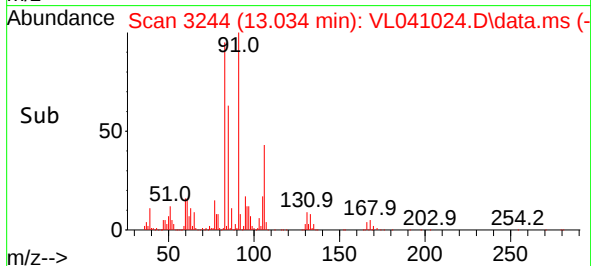
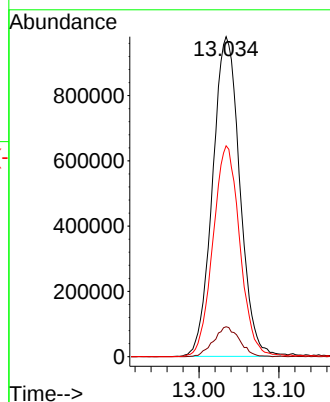
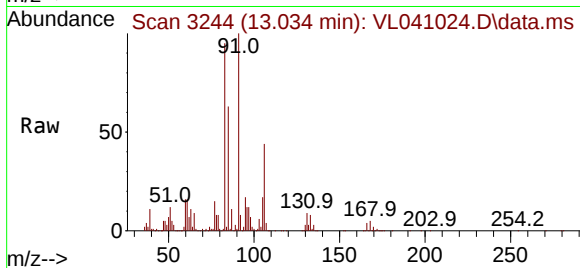
#63
1,1,2,2-Tetrachloroethane
Concen: 9.385 ppbv
RT: 13.034 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 231804
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 65.5 33.0 99.0

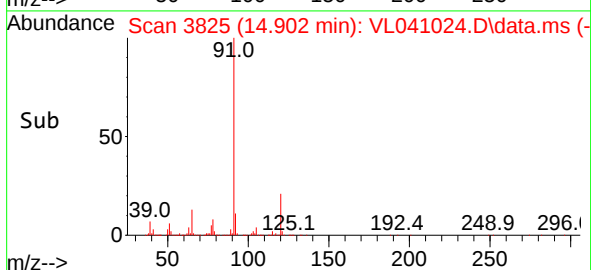
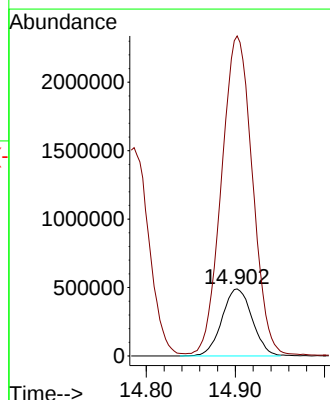
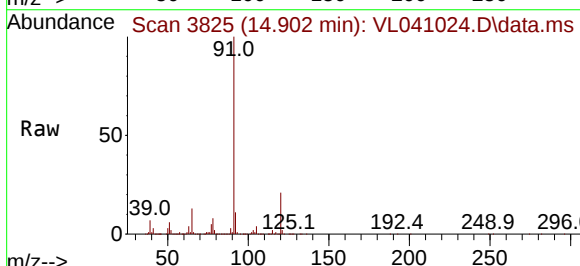
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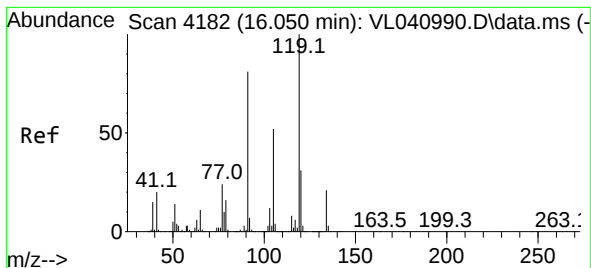
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#64
n-propylbenzene
Concen: 9.698 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Tgt Ion:120 Resp: 1151542
Ion Ratio Lower Upper
120 100
91 493.3 390.6 585.8





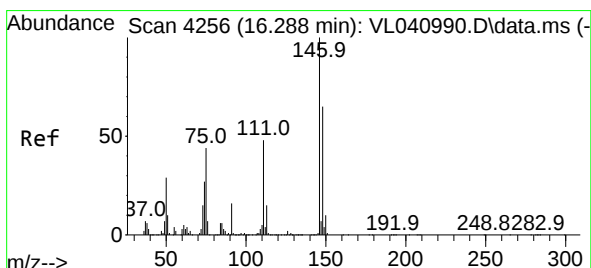
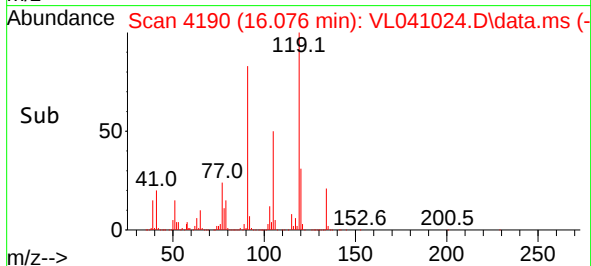
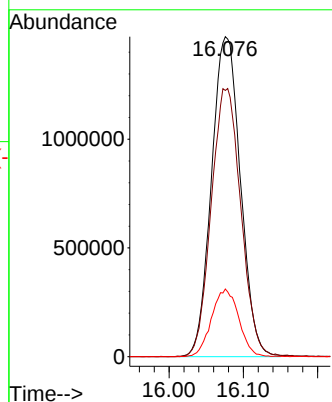
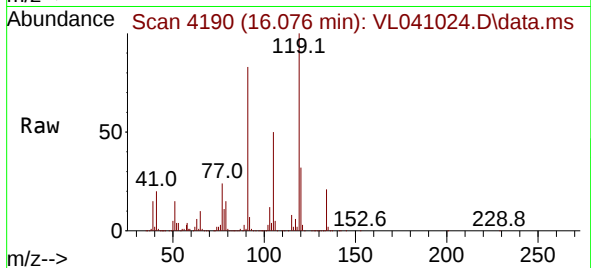
#65
tert-Butylbenzene
Concen: 9.705 ppbv
RT: 16.076 min Scan# 4182
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 398494
Ion Ratio Lower Upper
119 100
91 86.0 67.6 101.4
134 20.0 16.1 24.1

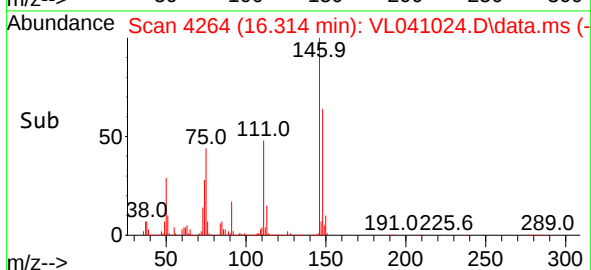
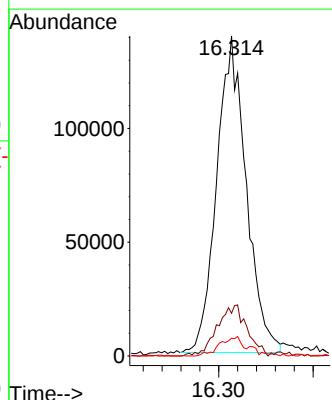
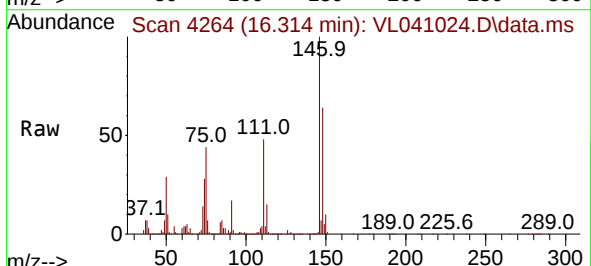
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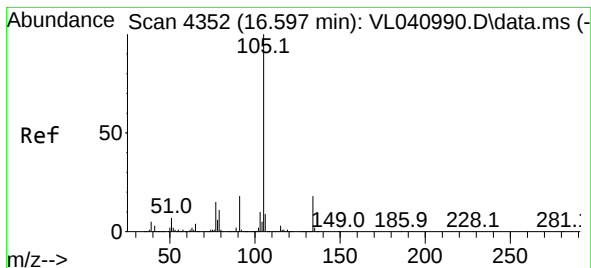
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#66
Benzyl Chloride
Concen: 11.191 ppbv
RT: 16.314 min Scan# 4264
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

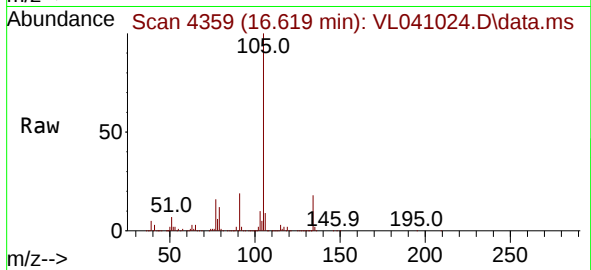
Tgt Ion: 91 Resp: 301128
Ion Ratio Lower Upper
91 100
126 17.0 13.6 20.4
128 5.9 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 9.512 ppbv
 RT: 16.619 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041024.D
 Acq: 25 Jan 2024 9:49

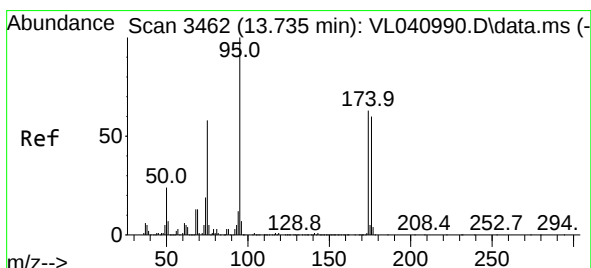
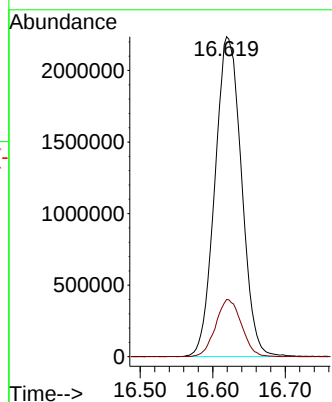
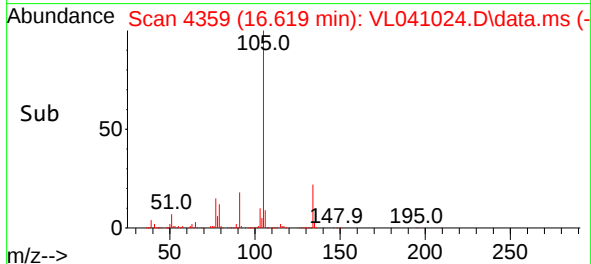
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



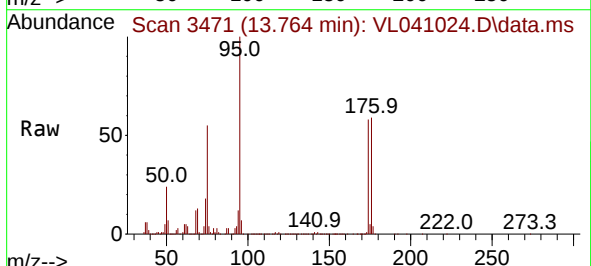
Tgt Ion:105 Resp: 5687340
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.2 21.4

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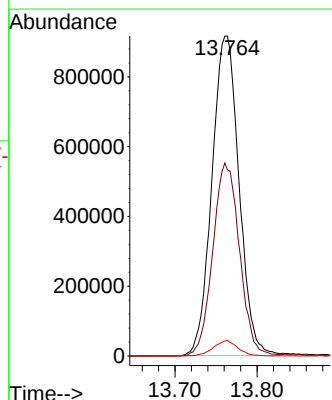
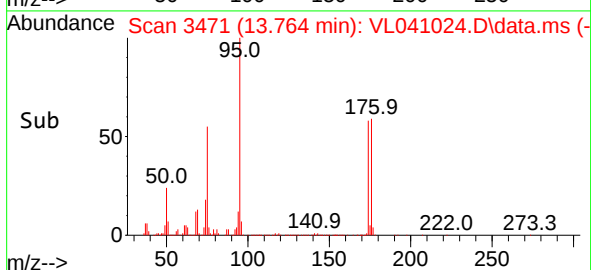
Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024

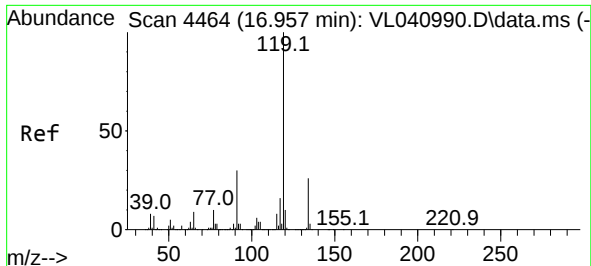


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.847 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.000 min
 Lab File: VL041024.D
 Acq: 25 Jan 2024 9:49



Tgt Ion: 95 Resp: 2104052
 Ion Ratio Lower Upper
 95 100
 174 59.7 49.1 73.7
 175 4.4 3.7 5.5





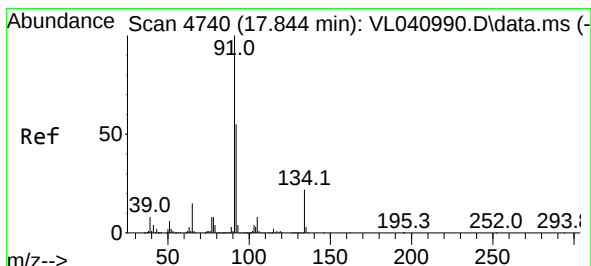
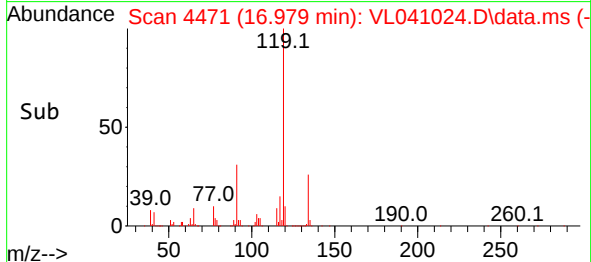
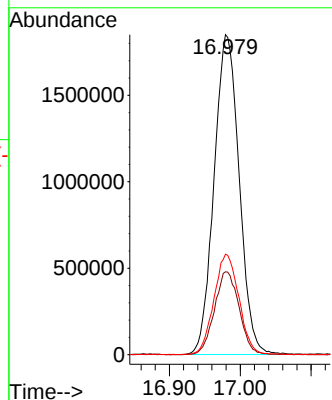
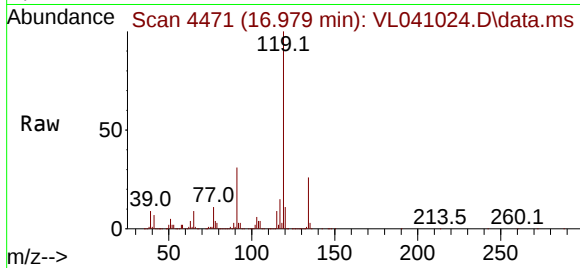
#69
p-Isopropyltoluene
Concen: 9.816 ppbv
RT: 16.979 min Scan# 4464
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 4546254
Ion Ratio Lower Upper
119 100
134 25.6 20.6 30.8
91 31.3 24.5 36.7

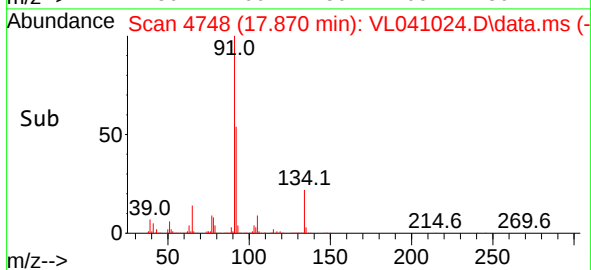
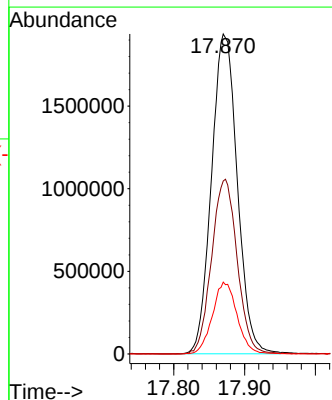
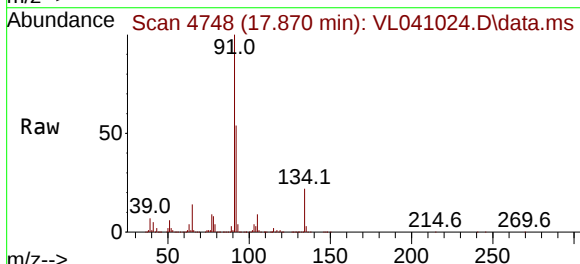
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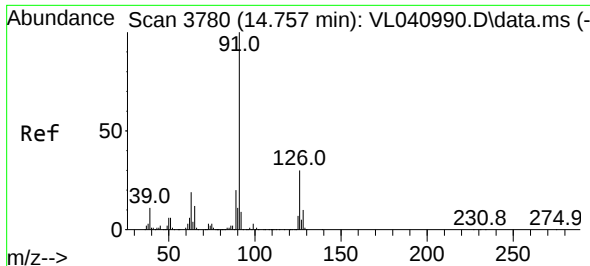
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#70
n-Butylbenzene
Concen: 9.801 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Tgt Ion: 91 Resp: 4905064
Ion Ratio Lower Upper
91 100
92 54.3 43.4 65.0
134 21.5 17.4 26.0





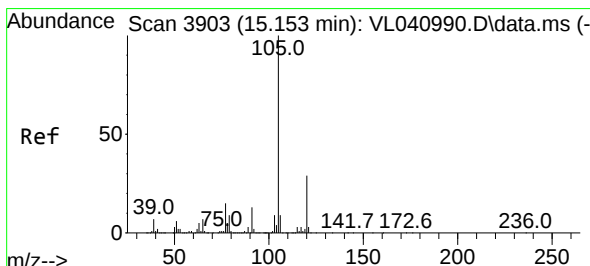
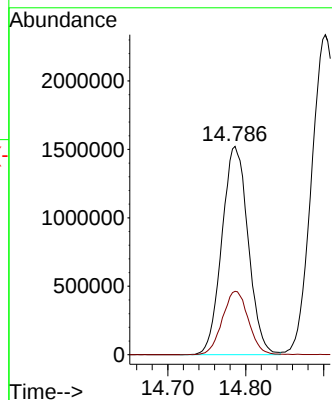
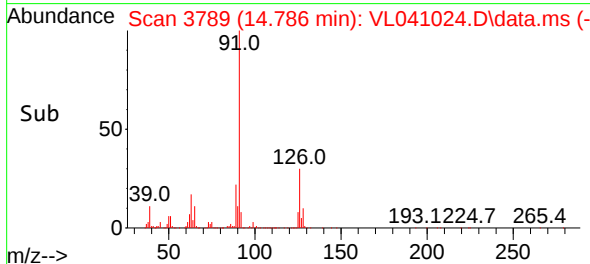
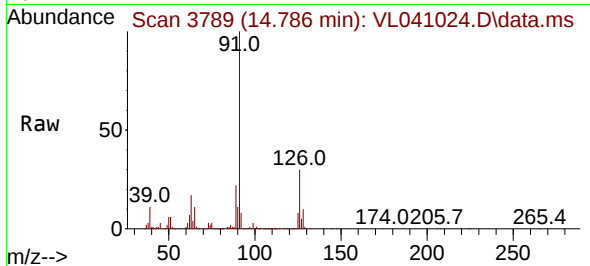
#71
2-Chlorotoluene
Concen: 9.825 ppbv
RT: 14.786 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 356299
Ion Ratio Lower Upper
91 100
126 30.3 12.3 49.1

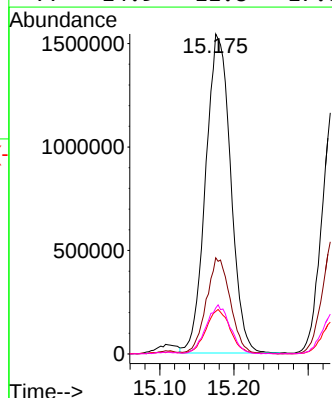
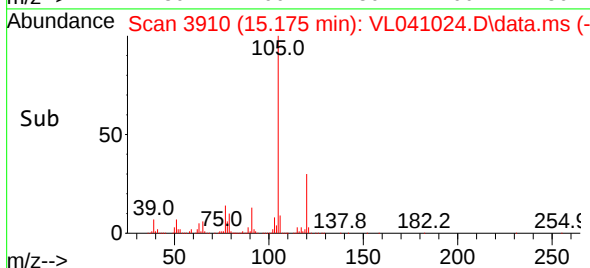
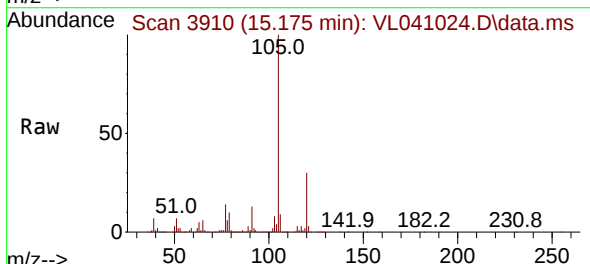
Manual Integrations
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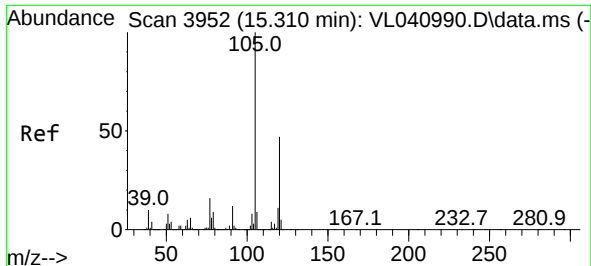
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#72
4-Ethyltoluene
Concen: 10.132 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

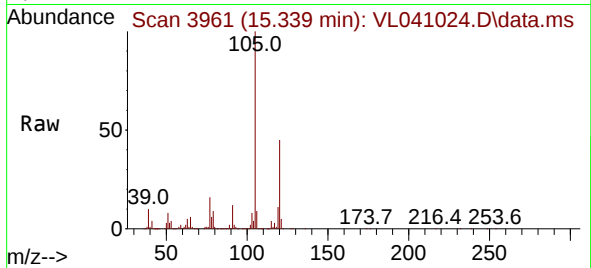
Tgt Ion:105 Resp: 3596023
Ion Ratio Lower Upper
105 100
120 29.2 24.3 36.5
91 13.9 11.0 16.4
77 14.9 11.8 17.8





#73
1,3,5-Trimethylbenzene
Concen: 9.841 ppbv
RT: 15.339 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

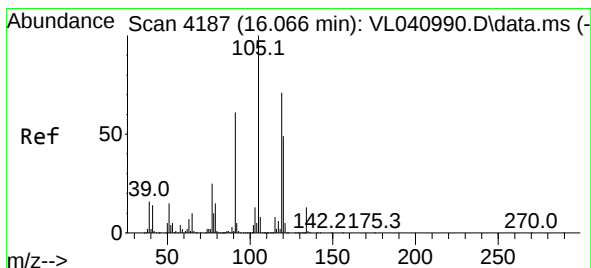
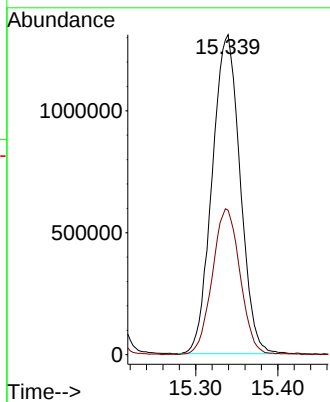
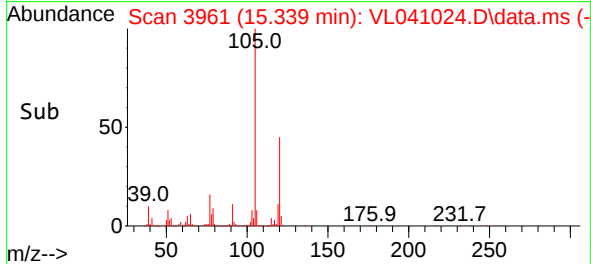
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:105 Resp: 3099790
Ion Ratio Lower Upper
105 100
120 45.2 37.2 55.8

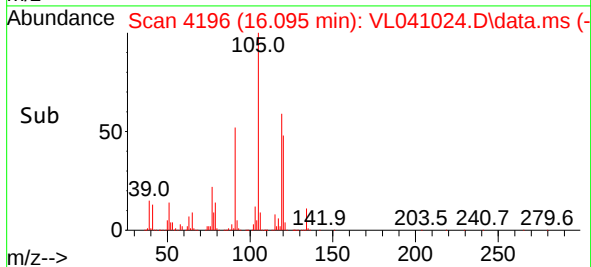
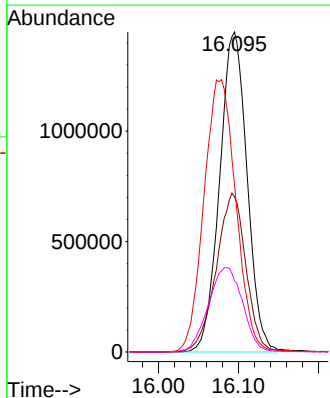
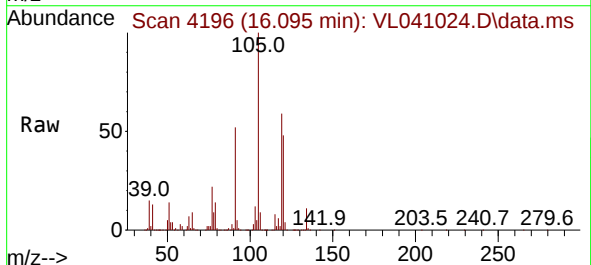
Manual Integrations
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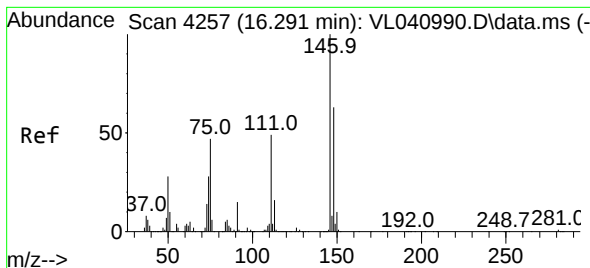
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#74
1,2,4-Trimethylbenzene
Concen: 9.659 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

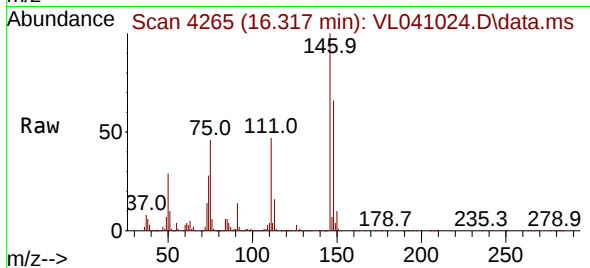
Tgt Ion:105 Resp: 3449234
Ion Ratio Lower Upper
105 100
120 48.3 39.3 58.9
91 51.9 48.7 73.1
77 21.9 19.8 29.8





#75
1,3-Dichlorobenzene
Concen: 9.687 ppbv
RT: 16.317 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

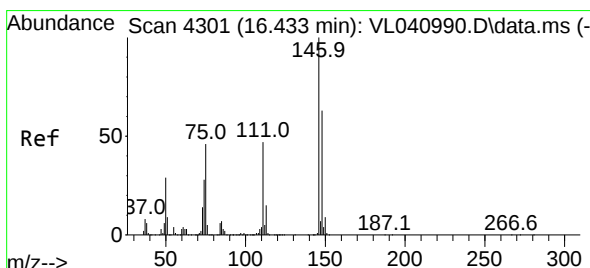
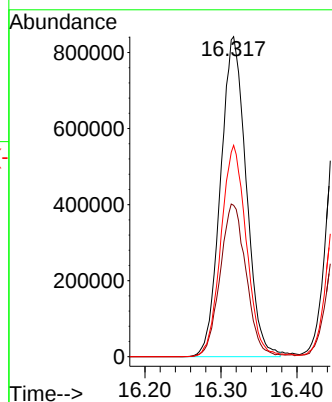
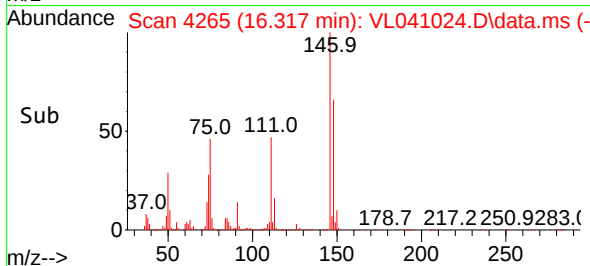
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



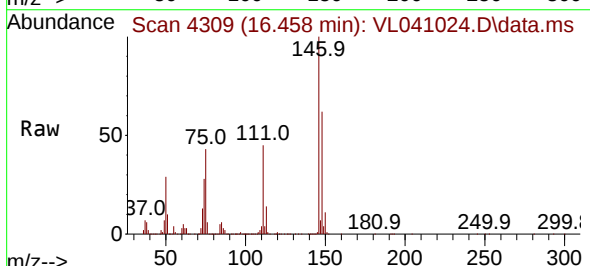
Tgt Ion:146 Resp: 1968529
Ion Ratio Lower Upper
146 100
111 48.6 24.4 73.2
148 65.7 32.5 97.4

Manual Integrations
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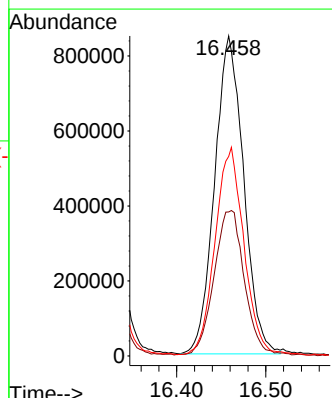
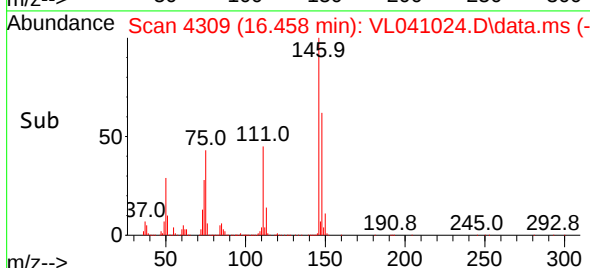
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

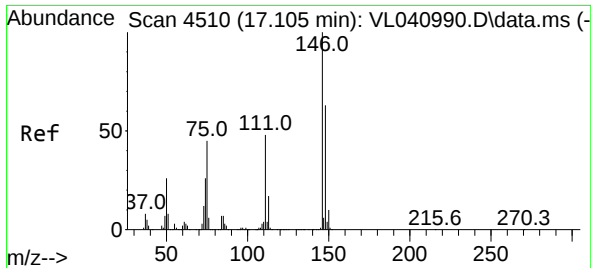


#76
1,4-Dichlorobenzene
Concen: 9.568 ppbv
RT: 16.458 min Scan# 4309
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49



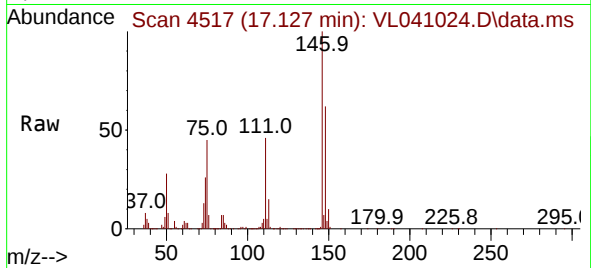
Tgt Ion:146 Resp: 1918692
Ion Ratio Lower Upper
146 100
111 48.2 24.0 72.0
148 66.2 32.9 98.7





#77
1,2-Dichlorobenzene
Concen: 9.442 ppbv
RT: 17.127 min Scan# 4517
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

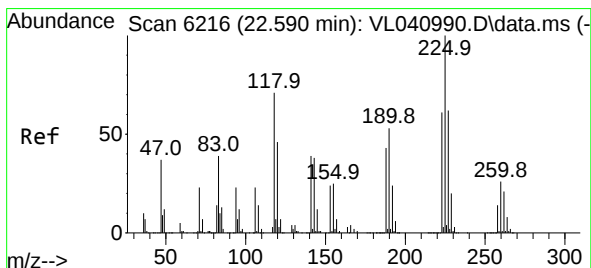
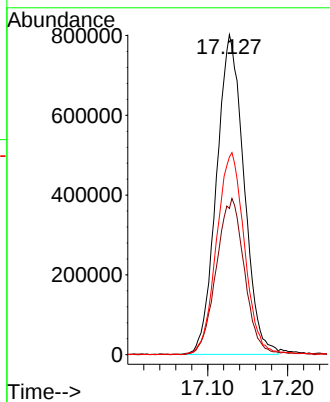
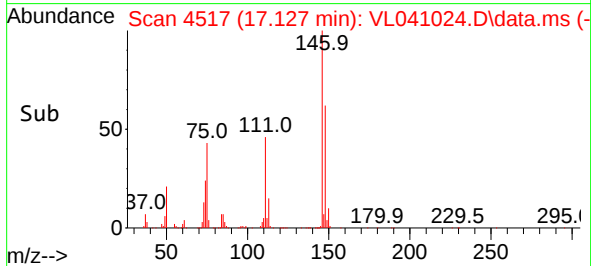
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 1907180
Ion Ratio Lower Upper
146 100
111 50.6 24.8 74.3
148 64.6 31.8 95.3

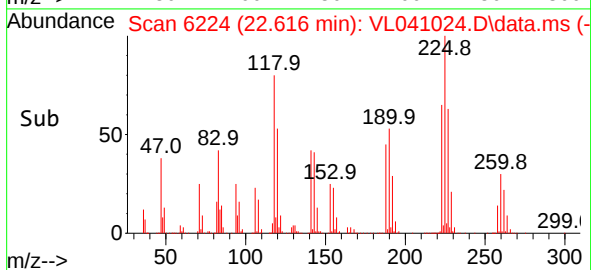
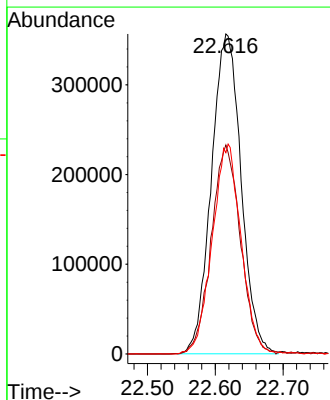
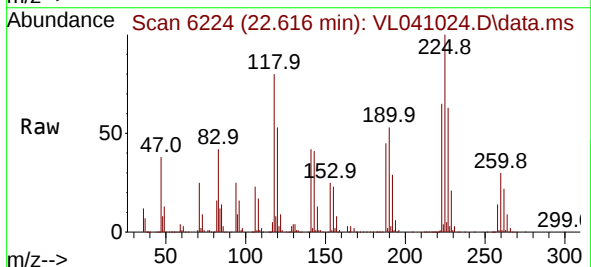
Manual Integrations
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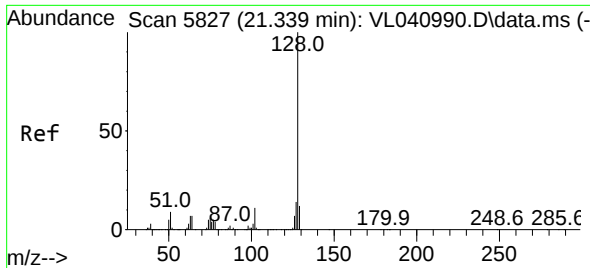
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#78
Hexachloro-1,3-Butadiene
Concen: 8.342 ppbv
RT: 22.616 min Scan# 6224
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

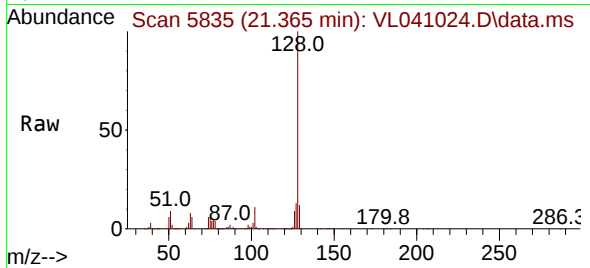
Tgt Ion:225 Resp: 1086596
Ion Ratio Lower Upper
225 100
223 64.4 51.1 76.7
227 64.0 51.0 76.4





#79
Naphthalene
Concen: 12.920 ppbv
RT: 21.365 min Scan# 5835
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49

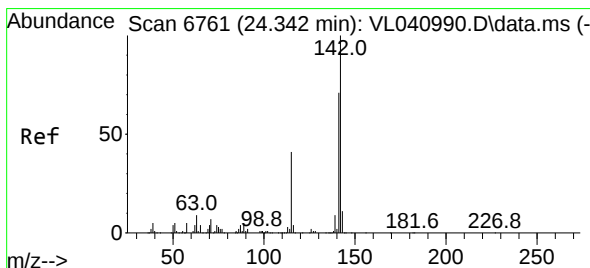
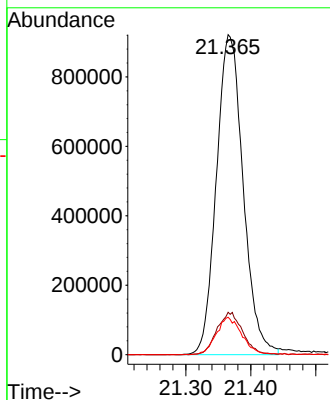
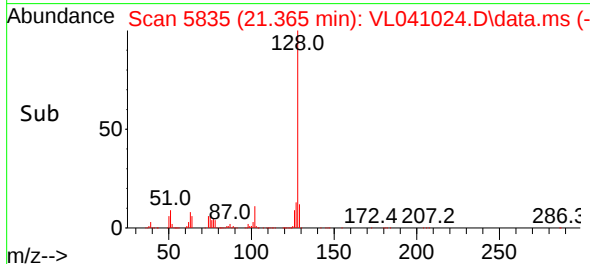
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



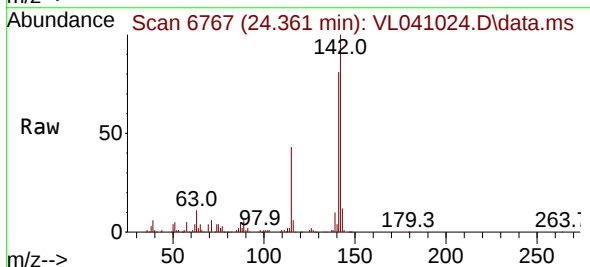
Tgt Ion:128 Resp: 2631924
Ion Ratio Lower Upper
128 100
127 13.2 10.9 16.3
129 11.7 9.3 13.9

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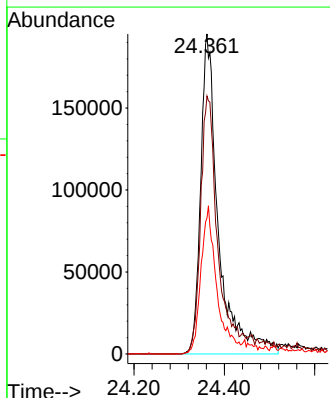
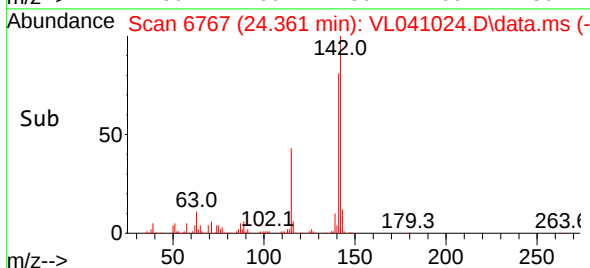
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

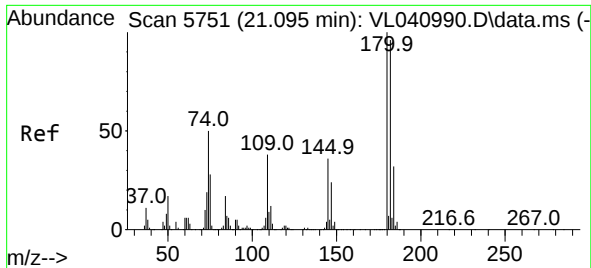


#80
Naphthalene,2-methyl-
Concen: 14.932 ppbv
RT: 24.361 min Scan# 6767
Delta R.T. 0.000 min
Lab File: VL041024.D
Acq: 25 Jan 2024 9:49



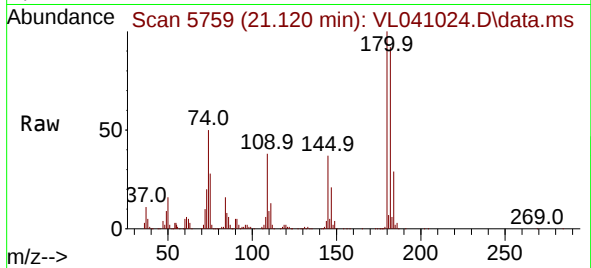
Tgt Ion:142 Resp: 534201
Ion Ratio Lower Upper
142 100
141 81.7 62.7 94.1
115 44.6 34.0 51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.700 ppbv
 RT: 21.120 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041024.D
 Acq: 25 Jan 2024 9:49

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1271649
 Ion Ratio Lower Upper
 180 100
 182 95.7 78.6 118.0
 184 30.0 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024

